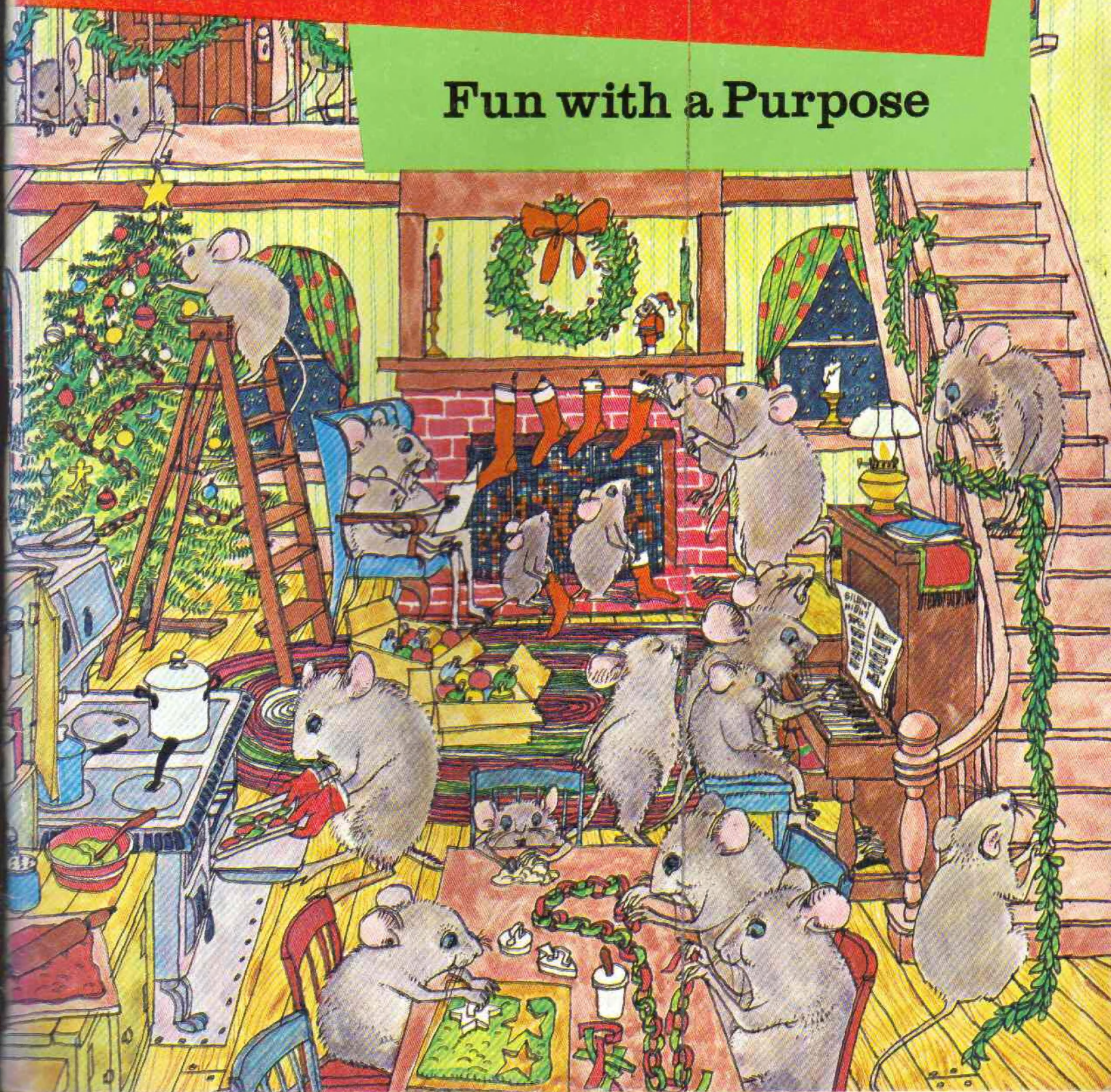


# Highlights<sup>®</sup> for Children

DECEMBER 1984  
Including 1984 Index

Fun with a Purpose



# Highlights<sup>®</sup> for Children<sup>®</sup>

Including CHILDREN'S ACTIVITIES<sup>®</sup>

DECEMBER 1984 • VOLUME 39 • NUMBER 11 • ISSUE NO. 407

Founded in 1946 by Garry C. Myers, Ph.D., and Caroline Clark Myers

This book of wholesome fun is dedicated to helping children grow—in basic skills and knowledge—in creativeness—in ability to think and reason—in sensitivity to others—in high ideals—and worthy ways of living—for CHILDREN are the world's most important people.

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Editorial Offices: 803 Church Street, Honesdale, PA 18431.

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## From the Editor

This issue of HIGHLIGHTS FOR CHILDREN marks the first of a new and more useful manner of presenting our annual index. Learning at an early age to use an index is of great value to children. The HIGHLIGHTS index has long been recognized as a valuable part of each subscription, allowing each member of the family to use back issues of HIGHLIGHTS as a home reference resource. The size of this December issue has been increased to include a complete index unit for the 1984 year. Readers are therefore able to look back to each issue, easily locating material that they had previously read, as well as easily locating stories and articles they may now want to read and enjoy.

HIGHLIGHTS probably receives more correspondence from its subscribers than any other publication. Inclusion of the index unit in the regular December issue is in response to the expressed desires of many of our readers.

Walter B. Barbe, Ph.D.  
Editor-in-Chief

## Find the Pictures

Can you find each of these pictures at another place in this book?

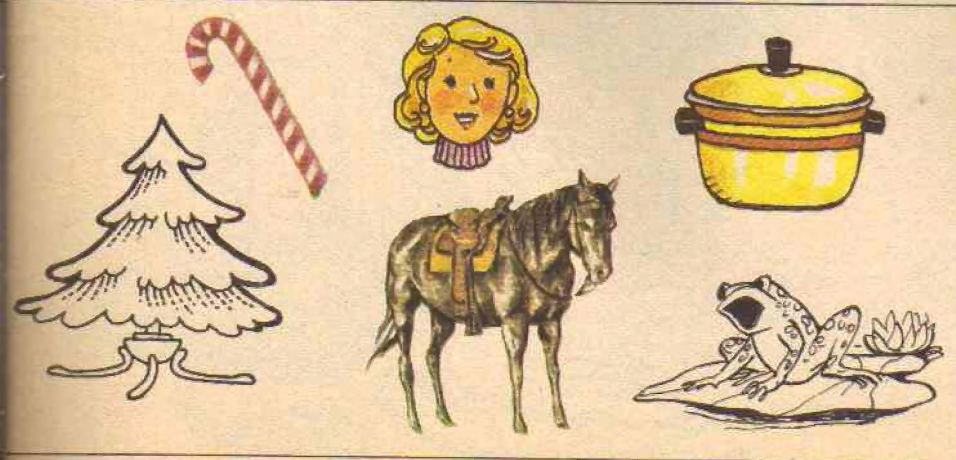


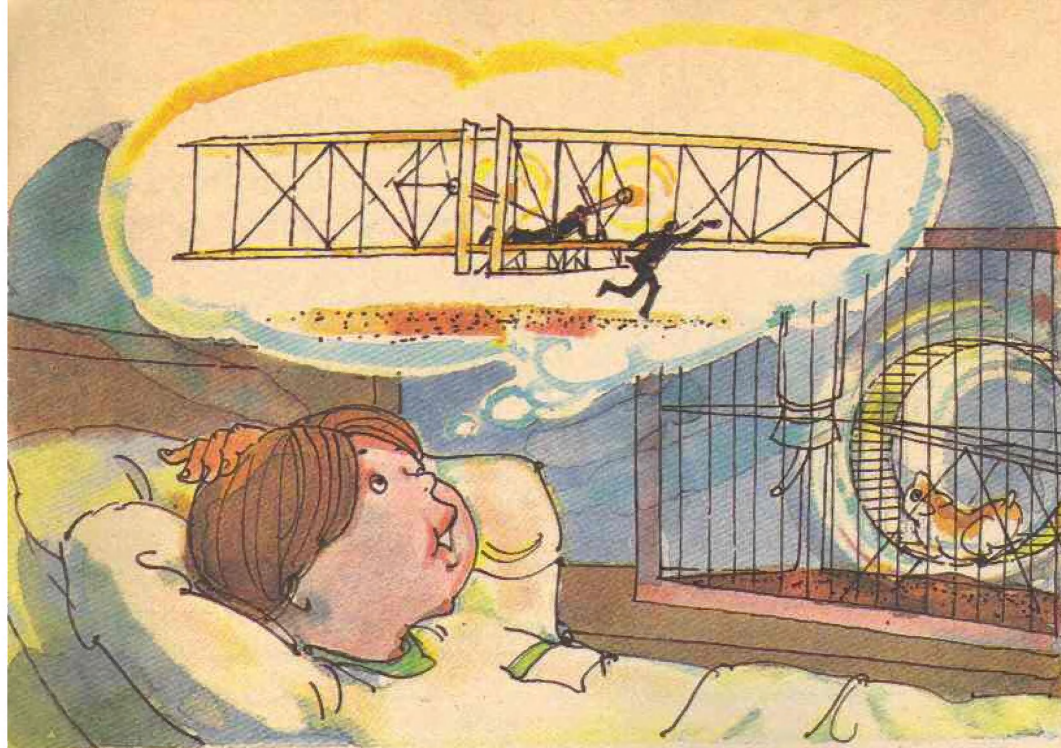
# Contents

## A Guide For Parents and Teachers

4	The Lampster by Pamela Browning			•							
6	I'd Love to Be a Fairy's Child by Robert Graves		•	•			•				
7	To the Editor			•					•	•	
8	Goofus and Gallant		•						•	•	
9	Scissorettes		•							•	
10	Thinking		•							•	
11	The Beautiful Tree by Marilyn Kratz	•	•								
12	Spin, Dreidel, Spin by Mary Dodson Wade			•	•					•	
14	Hidden Pictures by Mij Colson-Barnum	•	•							•	
15	Science Corner		•	•			•				
16	The Timbertoes by Sidney Quinn	•	•								
17	A Message by C. Everett Koop, M.D.			•							
18	"Jingle Bells" arranged by Dan Fox			•					•		•
19	A Song in Your Pocket by Ellen Javernick			•	•				•		
20	Reindeer Workout by Jane Rice		•								
21	For Wee Folks	•	•								•
22	The Three Skaters retold by Sylvia Falconer Munsey			•	•					•	
24	The Little Shark a Gull Helped Us Catch by G. W. Frame			•			•				
26	The Smallest Snowman by Linda Gillen		•								
28	Things to Make by Jane K. Priewe and others		•	•							•
30	Larry Bird: Practice, Practice, Practice by M. Klodnicki			•							
32	Rabbit's New Neighbor by Margaret Meacham		•								
35	Headwork	•	•	•							•
36	Our Own Pages	•	•	•							•
38	Riddles, Fun with Phonics	•	•								•
39	The Rock Hound by James Collett		•				•				•
40	Index 1984			•							
50	Verse		•	•					•		
51	Mystery Photos by Kimberly Butler		•								•

Thinking and Creating  
Moral Values  
The Arts  
Science & Nature  
The Nation and the World  
More Advanced Reading  
Easy Reading  
Preparation for Reading





# The Lampster

By Pamela Browning

Orville Krum wanted to be an inventor. After all, wasn't he named after one of the world's greatest inventors, Orville Wright? But Orville Wright and his brother Wilbur had already thought of one of the most exciting inventions of all time, the airplane. Thomas Edison had beat him to the light bulb and the phonograph. Even the telephone had already been invented—by Alexander Graham Bell. Orville Krum wondered what was left for him to invent.

He thought about it while he lay in his bed. Orville was supposed to be asleep, but his hamster kept him awake. *Squeak squeeee!* creaked the wheel in the hamster cage as Jogger exercised. *Squeak squeeee!*

Jogger was a small golden hamster who ran eight hours every night. By morning he was

always so tired that all he wanted to do was curl up in the cedar shavings in the bottom of his cage. He slept all day, unless Orville woke him up to play.

One night Orville was gazing at the light fixture in his ceiling

and listening to Jogger run. He stared at the light bulb for a long time and then jumped out of bed.

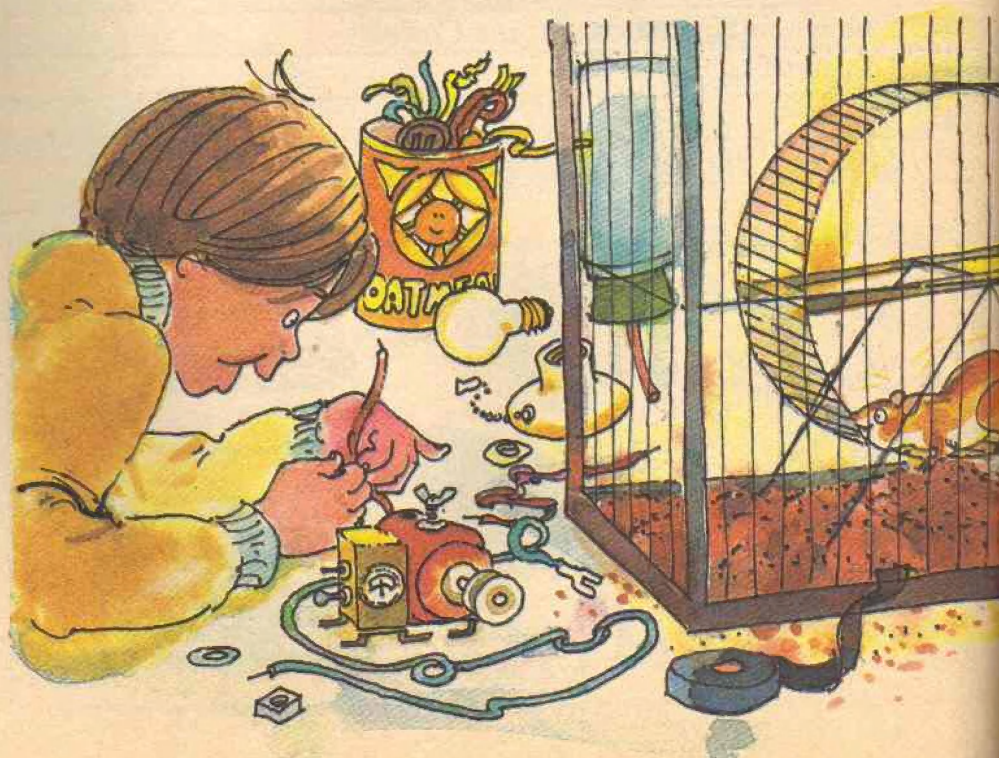
"I've got it!" he yelled with excitement. "I've got it!"

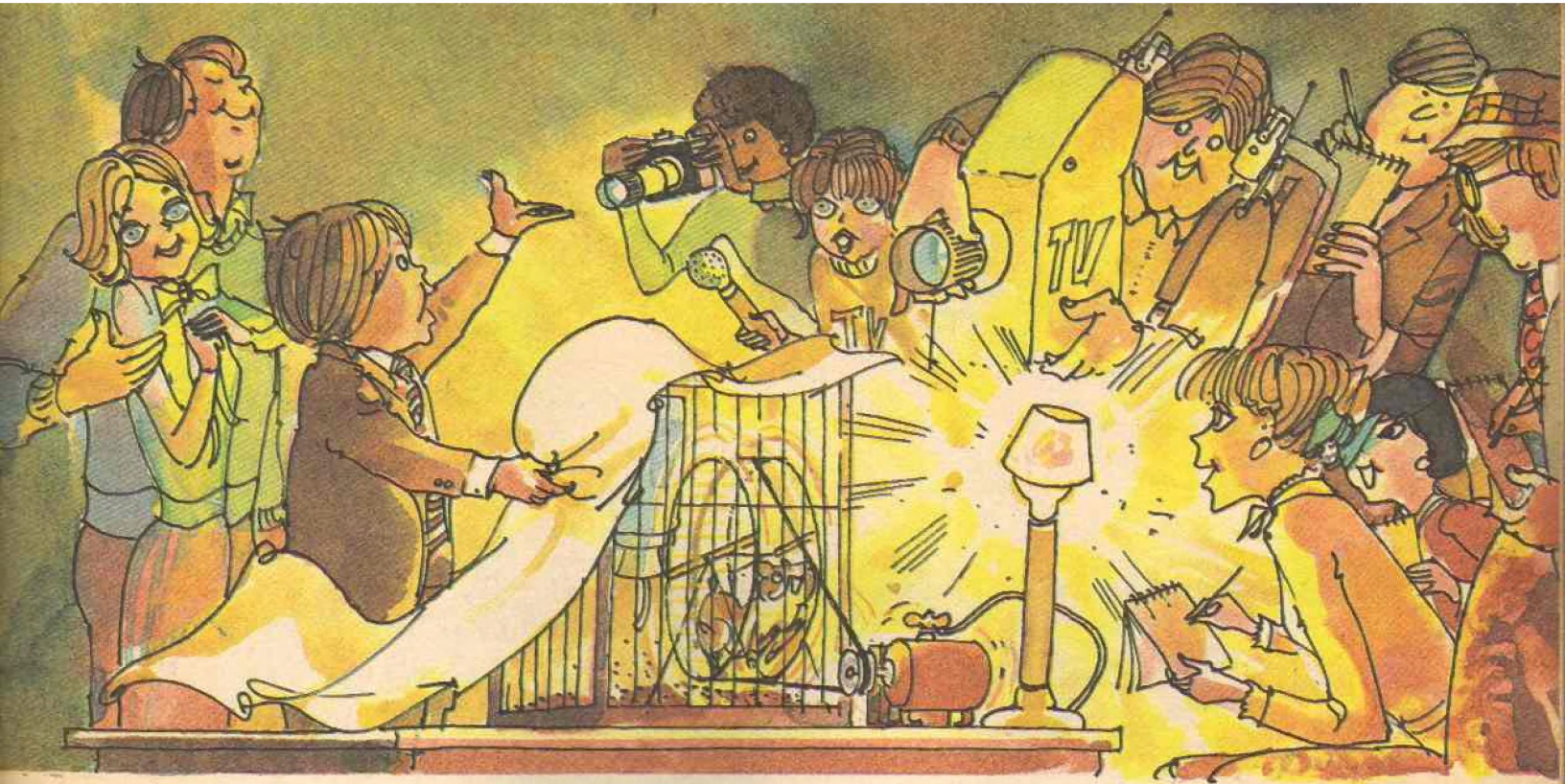
Jogger stopped running and wiggled his nose at Orville. His whiskers twitched, but he didn't have time to waste. He had to get on with his exercise.

Orville dug some wire and lamp parts out of the old oatmeal box where he kept odds and ends for his future inventions. He hooked these things up to the generator he'd made from a kit that had been a tenth-birthday gift. He sang to himself as he screwed in a light bulb. And finally he connected the contraption to Jogger's exercise wheel.

And then it happened! Jogger's feet spun the wheel that powered the generator that lit the light bulb! The light illuminated the four corners of Orville's room. Orville bounced on his bed with glee until his mother and father came to investigate.

"I've got it!" shouted Orville,





Illustrated by Jim Cummins

as inventors have shouted since time began. "I've got it!"

"Got what?" his parents asked with one voice, blinking sleepily in the light from the bulb.

Orville stopped bouncing on the bed, as befitted such a solemn moment. "Why, my invention, of course," he said with dignity. "I just invented the Lampster."

The next day Orville hung a lampshade on the light bulb and called an evening press conference. Reporters from newspapers and television stations gathered around. With the television lights upon him, Orville cleared his throat. His invention sat on the table in front of him, covered with a cloth.

"I have here the world's greatest invention," said Orville. The reporters began to buzz, and Orville held up his hand for silence. "As you all know, there is an energy crisis. What if I told you that I have solved the crisis? That I have invented a way to

light our homes cheaply? Ladies and gentlemen, I have invented the Lampster!"

The reporters shifted uncomfortably in their seats. Scientists of the world's great nations had not been able to solve the energy crisis. Now here was this ten-year-old upstart telling them that he could light homes cheaply! Impossible!

Inside the covered cage Jogger opened his eyes. By his infallible inner clock it was time to wake up. Time to exercise! He hopped onto his wheel.

As they all watched, they heard a distinct *squeak squeeee!* Then, wonder of wonders, the cover over the cage began to glow.

"Voilà," exclaimed Orville, as he removed the cloth with a flourish. Reporters gasped when they saw the bulb beaming steadily. Jogger didn't pause. He glanced at the large audience and twitched his whiskers with pleasure. He loved having people

watch him run. It was the thing he did best.

Of course, everyone wanted a Lampster. Or two, or five! Orville and Jogger appeared on TV and were invited to the White House.

All across the country hamsters produced cheap electricity. On farms teams of hamsters powered generators to pump water for irrigation. In cities hamsters generated power to light neon signs. One man liked his hamster so much that he wore it as a toupee during the daytime hours when it slept. The Lampster changed America's way of life.

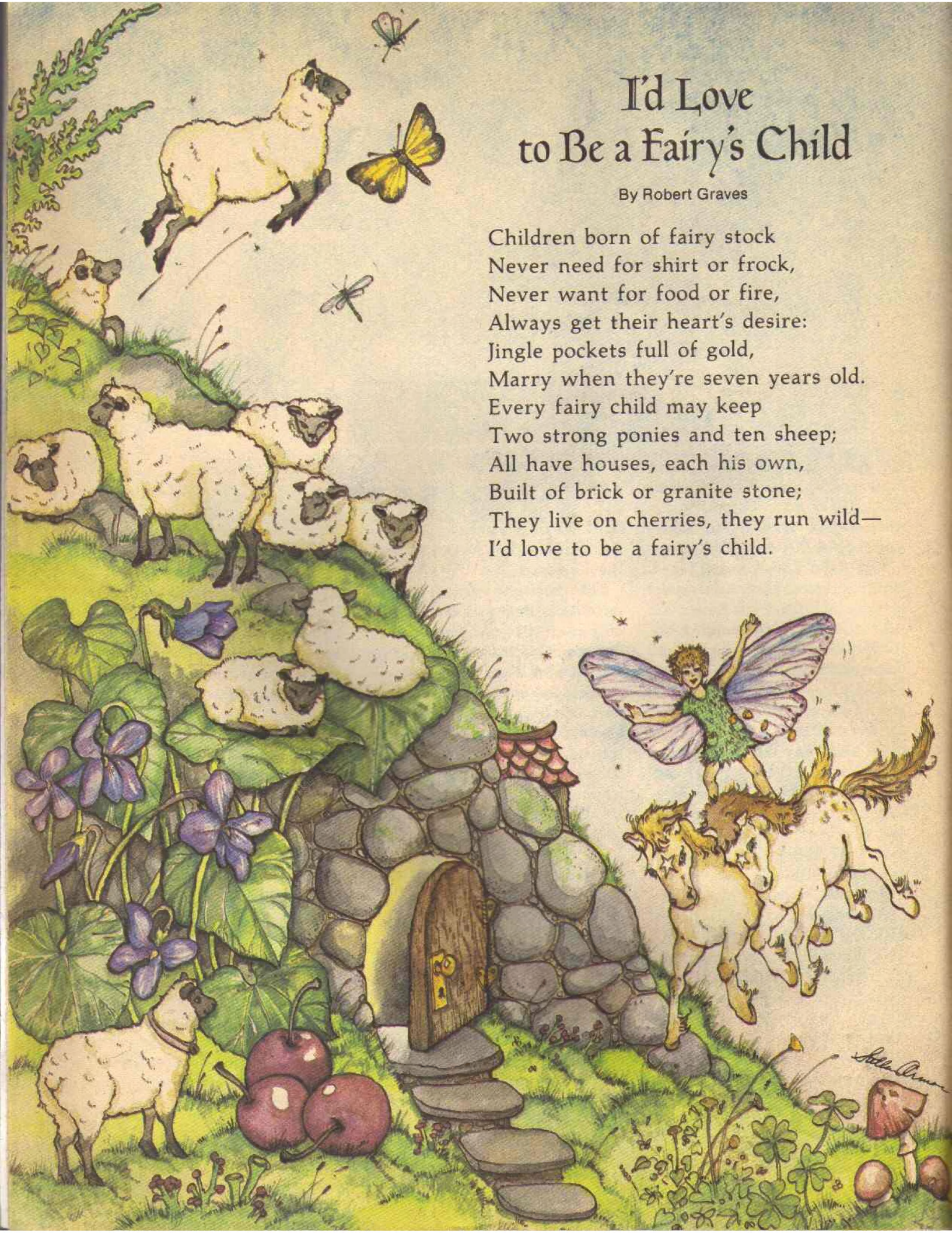
As for Orville Krum, he has found his place among the great inventors of all time. He's not content to rest on his laurels, however. He still saves old springs and bits of wire in his oatmeal box.

"I never know," says Orville, "when *another* light bulb might go on in my head!"

# I'd Love to Be a Fairy's Child

By Robert Graves

Children born of fairy stock  
Never need for shirt or frock,  
Never want for food or fire,  
Always get their heart's desire:  
Jingle pockets full of gold,  
Marry when they're seven years old.  
Every fairy child may keep  
Two strong ponies and ten sheep;  
All have houses, each his own,  
Built of brick or granite stone;  
They live on cherries, they run wild—  
I'd love to be a fairy's child.





## Girls' Rights

I am a good basketball player and football player. But the boys won't let me play. Sometimes my boyfriend will let me play basketball but not all the time. So what should I do? *Carrie F., Arizona*

It is too bad that boys sometimes don't like to let girls play, even when the girls are good at football or basketball. One thing that you can do is to find out about organized sports leagues in your community. Sometimes they are for both boys and girls, and sometimes there are separate leagues. You can enjoy playing the sport with others who are good at it, whether you play with girls only or with boys and girls. Keep on playing the sports you enjoy, and don't worry about the boys' foolishness.

## Hidden Pictures

Why don't you have two Hidden Pictures features? There could be an advanced Hidden Pictures and an easy one.

*Jeremy W., Florida*

You have an interesting idea to have two Hidden Pictures features, but I don't think that we will do that. One Hidden Pictures in each issue seems like a good number to us.

## To the Editor

Did you know that you can make the Hidden Pictures harder or easier, though? To make it harder, try folding the book back so that you can only see the Hidden Pictures page. Look for the objects in the list at the bottom of the page without looking at the picture clues on page 15. If you want to make it easier, use the picture clues to help you.

## Braces

I have braces. My teeth are now straight, but my dentist says I can't have them off until I'm seventeen. Do you know why?

*Eric C., Colorado*

I am glad that your teeth are straight. I do not know why you would have to keep the braces on until you are seventeen.

You should ask your orthodontist to explain this to you. After all, if the orthodontist has done such a good job up to now and gotten your teeth straight, I guess he or she knows what to do.

## Forgetful

At school we had to do a science project. The teacher told me to do it two days before. I did it, but I ran off and left it on the table. She gave me a zero on it. She wouldn't let me call my mom to tell her to bring it.

*Mamie P., Tennessee*

I am sure your teacher was not just being mean. No doubt she wants to make sure that you learn to be more responsible. Probably none of your classmates would bother to remember what they had to bring to school if they could just call their mothers to bring it for them.

Next time you have something important to remember, figure out some way to remind yourself. Tie a yellow ribbon on your front doorknob (on the inside) so you will notice it when you are leaving for school, and it will remind you of what you are supposed to take with you. Or figure out some other way to jog your memory. (Pin a big note on your school jacket or whatever.)

When you write to us, we like to know who you are. Please include your name, your age, your address, and your grade in school. Mail to:

**The Editor**

HIGHLIGHTS FOR CHILDREN  
Honesdale, PA 18431

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# Goofus and Gallant



"Hey, Dad, set this up for me."



Gallant tries to work things out himself.

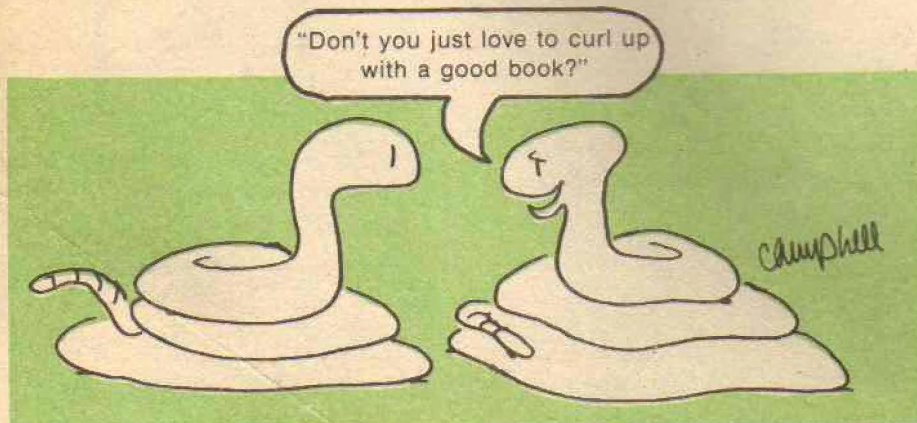


"I forgot to do my homework."



"It's 7 P.M. Time to start my homework."

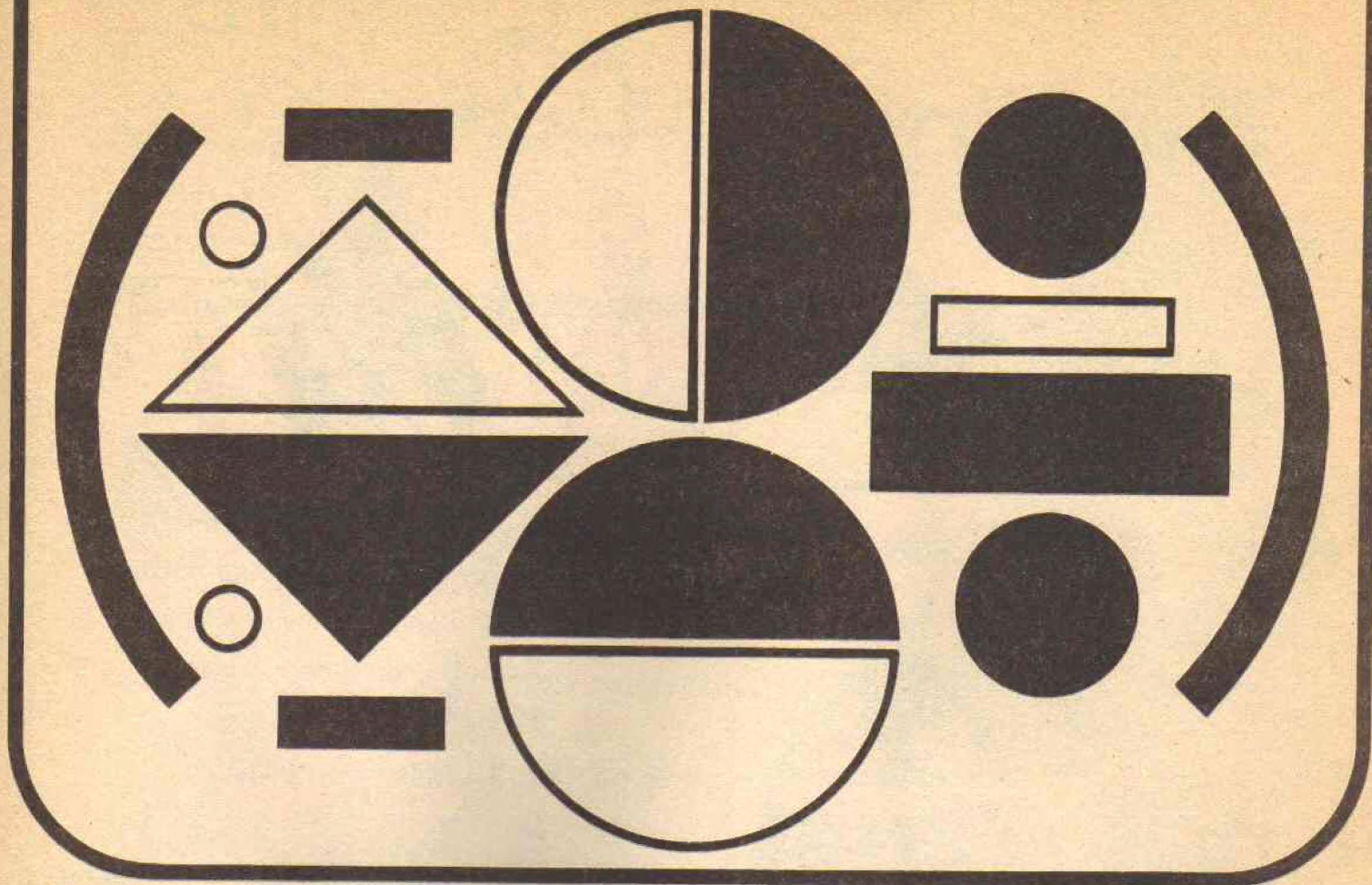
Illustrated by Sidney Quinn



## Tricky Message

Can you read the message below before turning it right-side-up?

no on pool  
no on pool



**Santa Claus**  
Jason Kratz, Age 4  
Baldwin, New York



**The Juggler**  
Matthew Hollingsworth, Age 5  
Florissant, Missouri



**A Rocking Horse  
for Christmas**  
Libby Morrow, Age 12  
Put-in-Bay, Ohio

## Scissorettes

The small pictures on this page were made by our readers, using the shapes shown above. See how many interesting things you can make.

Cut shapes like those above from black and white paper. For the circular pieces use a compass or draw around objects such as a quarter or a paper cup. Do not cut your book. Make several sets. Keep each set in a separate envelope. These are the *only* shapes you will use.

You need not use all the pieces in any one picture, but you should use each piece *only once*. When you have arranged the pieces to make a picture you like, glue the pieces onto colored paper and give it a title.

Send your best picture to:

HIGHLIGHTS FOR CHILDREN  
Honesdale, PA 18431

Don't forget to put your name, age, home address, and Zip Code on the back. Please send only one picture. We will print some of the ones that we get in a later issue. No pictures can be returned.



**Butterfly Going  
to Rest on Flower**  
Kathy Ponjican, Age 11  
Wayne, New Jersey



**Brownie on  
a Skateboard**  
Beth Wehle, Age 7  
Odessa, Florida



**Dancing Spider**  
Amy Lile, Age 5  
Madera, California

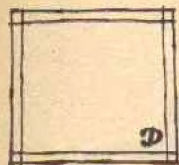


**My Mouse**  
Dominic Misuraca, Age 7  
Ravena, New York



**Love Birds**  
Crystal Baker, Age 12  
Canoga Park, California

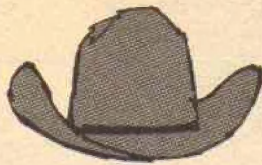
# Thinking



handkerchief



banana



hat



mitten



rose



cup



picture

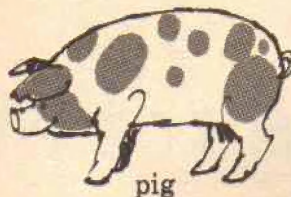


sweater

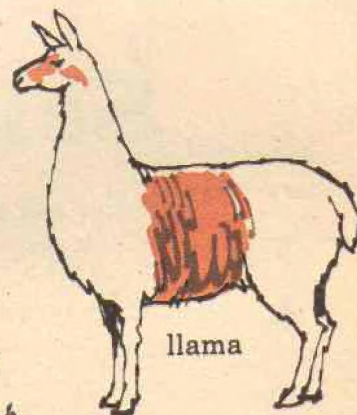
Which can be folded without harming them?



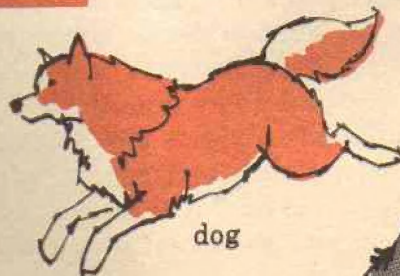
Where do you go to get your hair cut?  
To put money in your savings account?  
To get fitted for eyeglasses?  
To buy a birthday card?  
To buy postage stamps?  
To borrow a book?



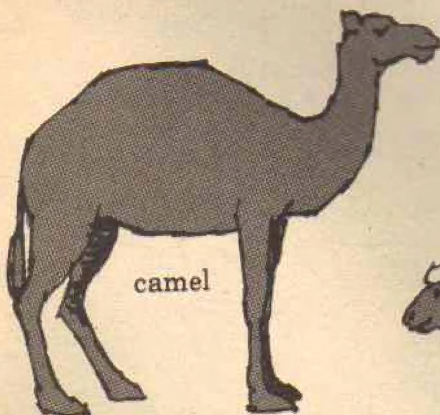
pig



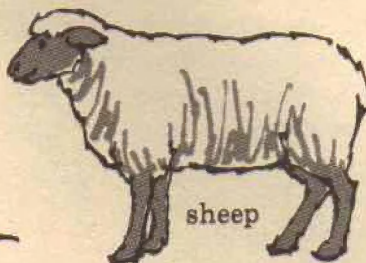
llama



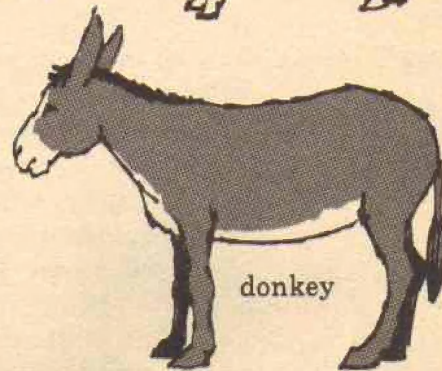
dog



camel



sheep



donkey





lizard


Which of these animals are used for carrying loads?



Illustrated by Jerome Weisman

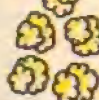

# The Beautiful Tree



By Marilyn Kratz


 "When are we going to decorate our tree?" asked  Wendy.



"Just as soon as we have made some decorations,"  Mom answered.




 "I will make cookies in the shape of bells," said  Dad.




"I will make strings of  popcorn," said  Mom.


"I will cut  stars out of colored paper," said  Wendy.

Soon the cookies in the shape of  bells were ready.

 Dad hung them on the  tree.

The strings of  popcorn were ready, too.  Mom put them on the  tree.

Then  Wendy took her colored  stars, and she hung them on the  tree.

They all sang carols around the beautiful  Christmas tree.



# Spin, Dreidel, Spin

By Mary Dodson Wade

Playing with the dreidel is part of the happy time of Hanukkah. The little top spins round and round. Players have to "put in" or "take out" from the pile of things in the middle.

This kind of "put and take" game is found in many countries, but the players do not always use the same way to find out who puts in and who takes out. The game is so old that the ancient

Greeks and Romans may have played it. Jewish children play it with a dreidel.

Playing with the dreidel helps Jewish children remember their heritage. After the wicked ruler Antiochus put an idol in the temple and told everyone to worship it, the Jewish people followed Judah Maccabee and rebelled against Antiochus. They drove the foreigners out, cleansed their temple, and lit the lamp. There was oil for only one day, but the lamp burned for eight days.

The dreidel has also helped in other ways. There have been times when the Jewish people were not permitted to worship or read the Torah. They would get together to study the Torah in secret. When they saw soldiers coming, they would pretend to be playing with the dreidel. The spinning top was just a game to

the soldiers, so they did not bother the students.

The dreidel game has been part of Hanukkah for a long time. Hanukkah is the Festival of Lights, and the Hebrew letters on the dreidel stand for *Nes Godol Hayah Sham*. That means "A Great Miracle Happened There."

About four hundred years ago in Germany, the Hebrew letters on the toy were given Yiddish meanings:

*Nun* — Nisht (nothing)  
*Gimel* — Gantz (everything)  
*Hay* — Halb (half)  
*Shin* — Shtel (put in)

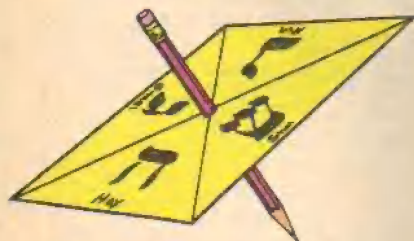
Jewish children all over the world play with the dreidel. They all know what the letters mean.

But the dreidel used by the children living in Israel has the letter *pe* instead of *shin*. There the letters stand for "A Great Miracle Happened *Here*."



## How to Make a Dreidel

Cut a piece of cardboard about 4 inches square. Draw diagonal lines, connecting opposite corners. Put one Hebrew letter or word in each space: *Nun*, *Gimel*, *Hay*, *Shin*. Push a pencil through the middle of the cardboard.



## Rules for the game:

Give each player a few "chips." (You may use raisins, pebbles, nuts, or the like.) Put more of the objects in a pile in the middle. Take turns spinning the dreidel. Follow the instructions of the letter landed on.

*Nun* = Do nothing.

*Gimel* = Take all the pile of chips in the middle.

*Hay* = Take half of the chips from the middle.

*Shin* = Put one chip in the middle.

The game ends when one player has won everything from the others or when all agree they have had enough.

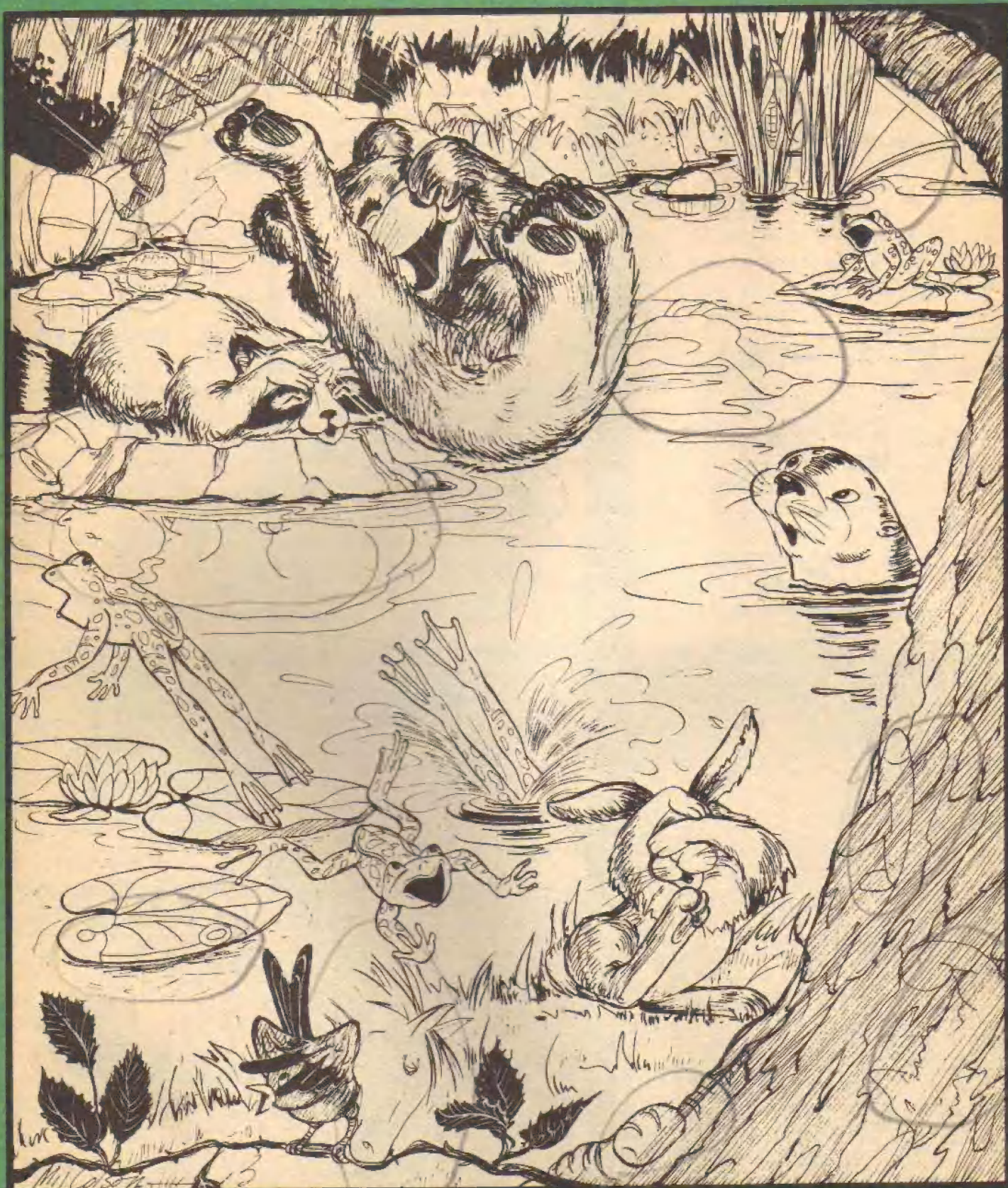
## Matching

Look at each picture at the left.  
Find the picture like it at the right.



# Hidden Pictures

## Animal Fun



In this big picture find the shoe, pail, hamburger, ear of corn, sailboat, dog, airplane, loaf of bread, spool, goose, pig, fox, glove, safety pin, and the head of a horse.

Can you find these

## Hidden Pictures

on page 14?



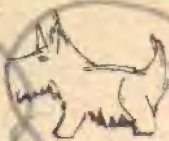
spool



ear of corn



shoe



dog



horse's head



loaf of bread



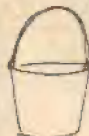
hamburger



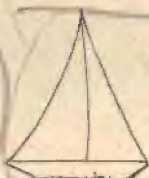
fox



glove



pail



sailboat



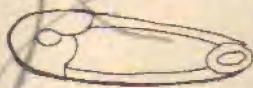
airplane



goose



pig



safety pin

## SCIENCE CORNER



**Boy:** "How did you get there?"

**Icicle:** "Some of the snow on the roof melted, and its water dripped down. It was cold enough here to freeze the water back to ice. The water kept on freezing as it trickled over me. That's how I got my pretty shape."

## Stringing You On

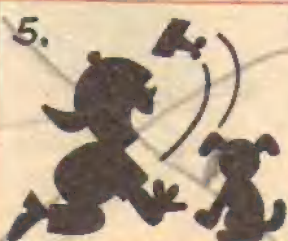
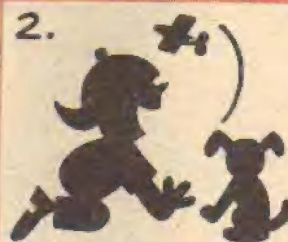
By Dave Bloom

If you cut a 30-centimeter piece of string into three pieces so that the third piece is twice as long as the sum of the first and second pieces, and so that the second piece is 6 centimeters long, how long are the three different pieces?

Answer on page 38.

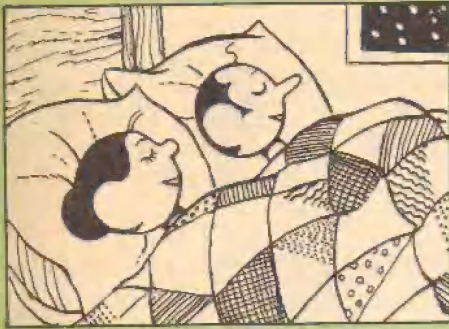
## Pick a Pair

Can you find the two pictures that match? Answer on page 38.

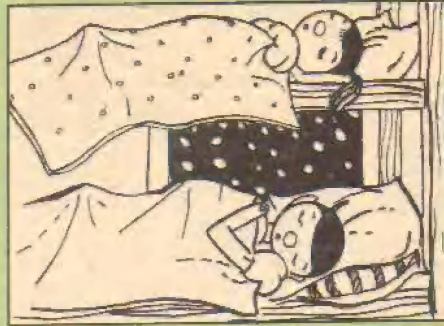


# THE TIMBERTOES

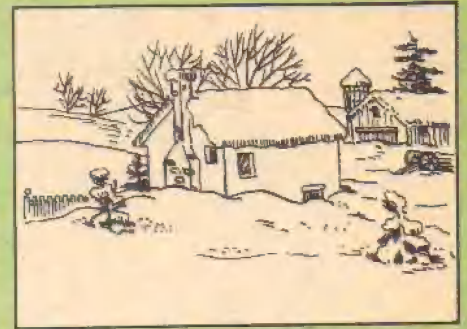
By Sidney Quinn



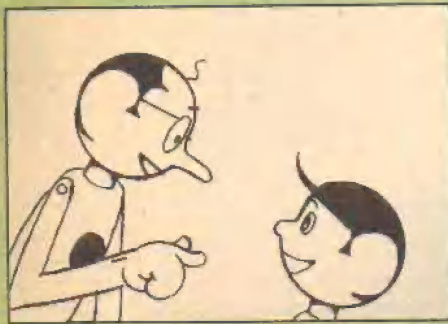
The Timbertoes slept.



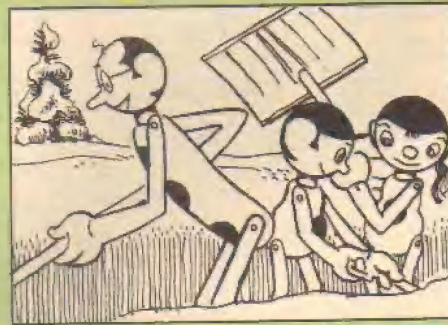
It snowed and snowed.



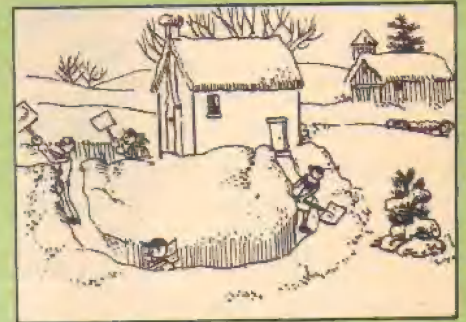
They were snowed in!



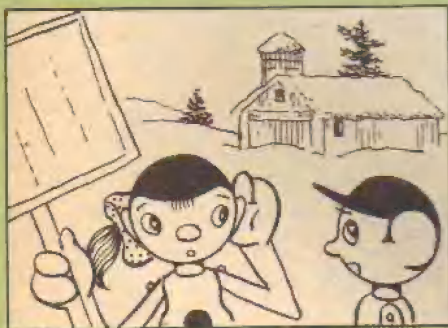
"Get the snow shovels!"



Everyone helped.



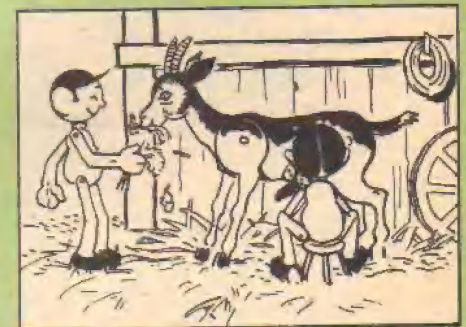
They shoveled a path.



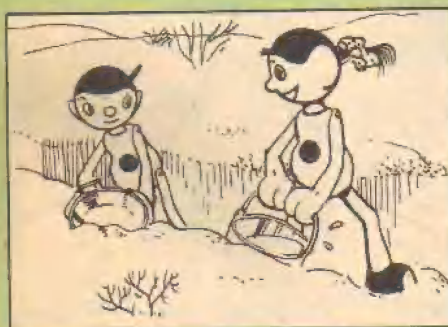
"Listen. It is Butter."



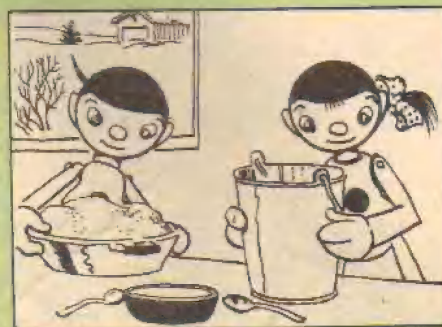
They made a path to the barn.



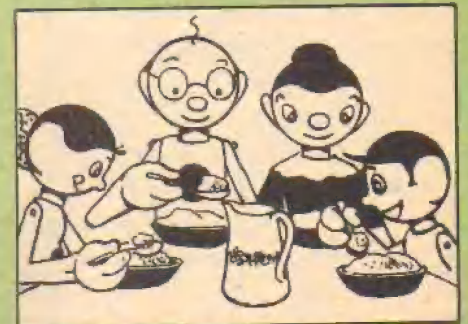
"Here is your breakfast."



"Bring the snow inside."



"We will make snow ice cream."



"Delicious!"

# A Message from the Surgeon General

I have read the letters about cigarette smoking which appeared in last month's issue of HIGHLIGHTS.

Those letters were absolutely right. Fathers and mothers shouldn't smoke. No one who values good health should smoke.

If your parents smoke, can you help them stop?

Yes, you can. When I was a young man in college, I helped my father stop smoking, and many other sons and daughters have done the same. But before you start, you should know something about cigarette smoking.

First of all, people who smoke, smoke a lot. The average is 31 cigarettes a day. That means one cigarette about every half hour, from getting up in the morning to going to bed at night. Obviously, cigarette smoking is a pretty strong habit.

For some people, it's even worse than this. Scientists describe cigarette smoking as a drug dependence. The drug is nicotine, and nicotine in cigarette smoking is addictive.

This doesn't mean that no one can ever quit smoking. They can, and every year thousands of people do. But to win out, they must have the wish to quit, be willing to go back and try again if they fail, and have the support of family and friends.

And this is where you come in.

First of all, don't scold or nag. You know from your own experience that the things you've learned to do best are things which were taught to you out of love and support and respect.

Second, be patient. Many people have to go back and try many times before they are finally able to quit for good.

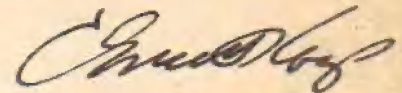
Third, be understanding. For the first few days after your mother or father quits, you may want to walk very quietly and speak very softly. Giving up smoking cigarettes can make the most even-tempered person cranky and irritable.

Dr. C. Everett Koop is Surgeon General of the United States. Earlier this year Dr. Koop launched a drive for a "smoke-free society" by the year 2000. He wants all the young people in the country to join in by not smoking.

And now the fourth and most important thing of all.

Don't *you* take up smoking, now or ever. If we are going to build a smoke-free society by the year 2000—and this is what we are trying to do—you and every other young person in this country must resolve not to smoke.

We adults—we mothers and fathers, grandparents and uncles and aunts and friends—we need you to set a good example for us.



C. Everett Koop, M.D.



Dr. Koop is proud of the fact that nobody in his own family smokes—not one of his three children or five grandchildren. Here he is with his son Norman and three of those grandchildren.

## ~ Jingle Bells ~

Note: ↑ = Blow    ↓ = Draw

Words and Music by JAMES PIERPONT  
Arranged by Dan Fox

Arranged by Dan Fox

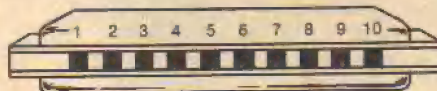
## Gaily

Gaily

6 8 8 7 6 6 6 6 8 8 7 6  
Dash - ing through the snow in a one - horse o - pen sleigh,  
6 9 8 8 7 9 9 9 8 8  
O'er the hills we go, Laugh - ing all the way,  
6 8 8 7 6 6 8 8 7 6 6  
Bells on Bob - tail ring mak - ing spir - its bright, What  
6 9 8 8 9 9 9 9 10 9 9 8 7 9  
fun it is to ride and sing a sleigh - ing song to - night. Oh!  
8 8 8 8 8 8 8 9 7 8  
Jin - gle bells, jin - gle bells, jin - gle all the  
8 9 9 9 9 9 8 8 8 8  
way, Oh, what fun it is to ride in a  
1. 8 8 8 8 8 9 9 9 9 8 7 10  
one - horse o - pen sleigh, Hey! one - horse o pen sleigh.

Some people learn to play the harmonica by ear. But you can also learn from music. Here is "Jingle Bells" written for piano, with blow-and-draw numbers for harmonica. The music is written in the key of C, but you may use any ordinary harmonica in any key. Be sure you have the kind with numbered holes. (Do not begin on a *chromatic* harmonica. It is more complicated.)

Play the notes by blowing or drawing through the corresponding numbered holes. When the arrow points up, *blow* into the hole. When the arrow points down, *draw* through the hole. You'll find it awkward at first, but as you



practice it will get easier, and pretty soon you won't need the numbers at all but will play from memory.

You may find it easier to start with the chorus—the last three lines. The last line has two endings, marked 1 and 2. Use the ending marked 1 every time except the last time you play the chorus, and then close with the ending marked 2.

# A Song in Your Pocket

By Ellen Javernick

What was the first musical instrument to be played in space? What did Abe Lincoln bring to the Lincoln-Douglas debates? If you answered "harmonica" to both of these, you were right.

Abe Lincoln often carried a harmonica in his pocket. When Stephen Douglas arrived at one debate accompanied by a brass band, Lincoln joked that "Mr. Douglas needs a brass band, but the harmonica will do for me." Astronaut Wally Schirra sneaked a harmonica aboard his Gemini VI spacecraft, and his performance of "Jingle Bells" was televised in December 1965.

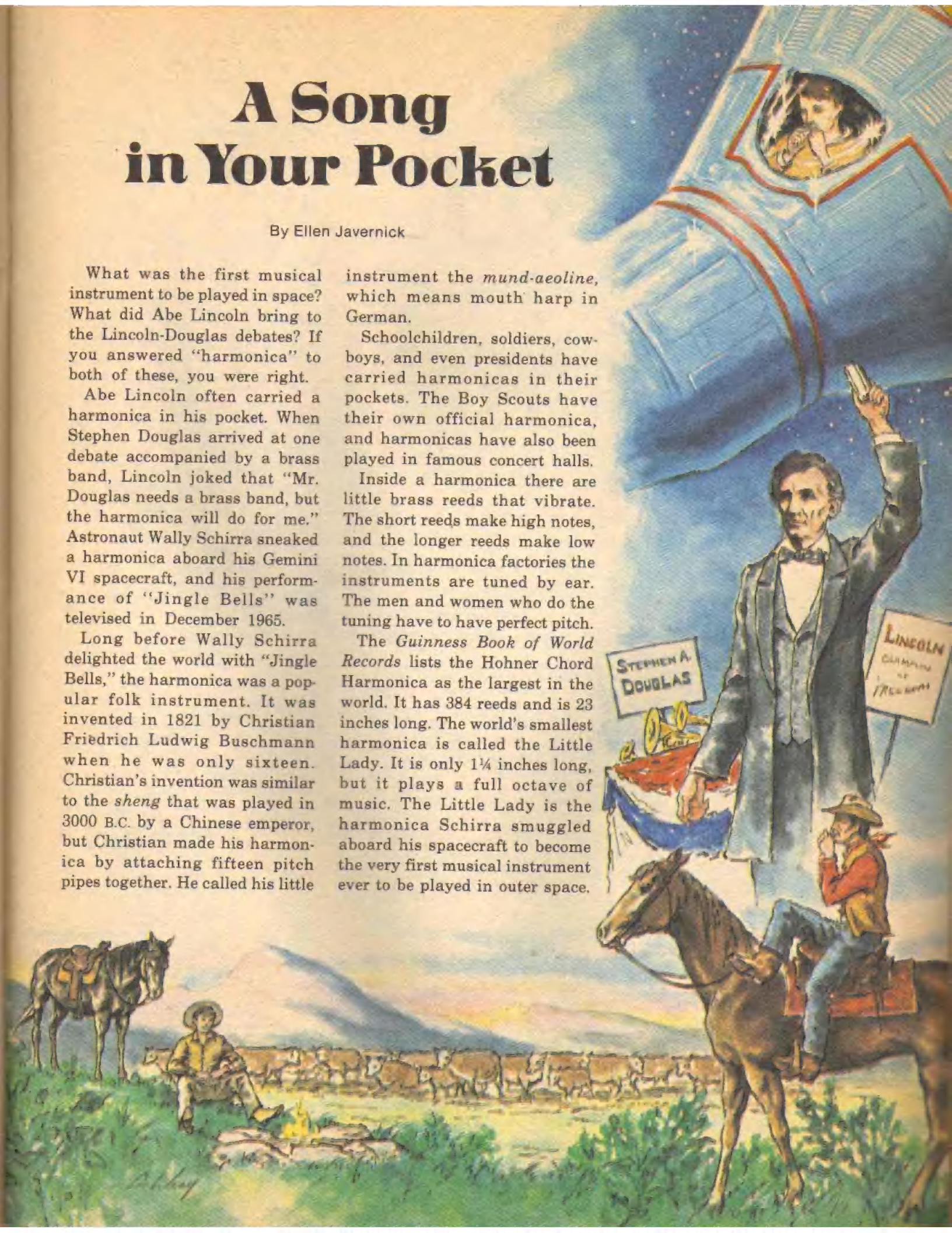
Long before Wally Schirra delighted the world with "Jingle Bells," the harmonica was a popular folk instrument. It was invented in 1821 by Christian Friedrich Ludwig Buschmann when he was only sixteen. Christian's invention was similar to the *sheng* that was played in 3000 B.C. by a Chinese emperor, but Christian made his harmonica by attaching fifteen pitch pipes together. He called his little

instrument the *mund-aeoline*, which means mouth harp in German.

Schoolchildren, soldiers, cowboys, and even presidents have carried harmonicas in their pockets. The Boy Scouts have their own official harmonica, and harmonicas have also been played in famous concert halls.

Inside a harmonica there are little brass reeds that vibrate. The short reeds make high notes, and the longer reeds make low notes. In harmonica factories the instruments are tuned by ear. The men and women who do the tuning have to have perfect pitch.

The *Guinness Book of World Records* lists the Hohner Chord Harmonica as the largest in the world. It has 384 reeds and is 23 inches long. The world's smallest harmonica is called the Little Lady. It is only 1¼ inches long, but it plays a full octave of music. The Little Lady is the harmonica Schirra smuggled aboard his spacecraft to become the very first musical instrument ever to be played in outer space.

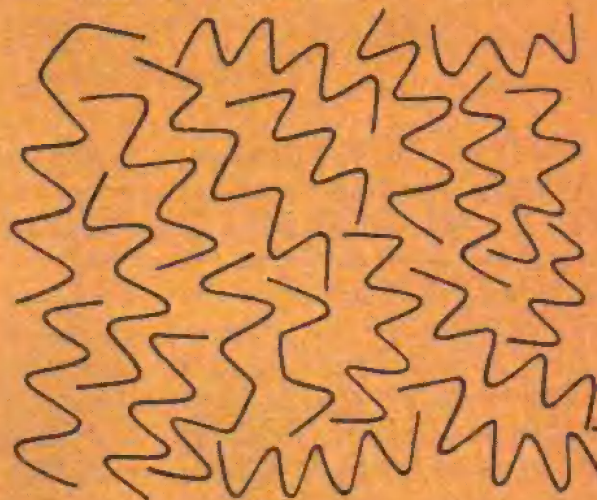




"Sorry I couldn't talk longer with you on the phone last night. I knew my sister was waiting for an important call, and I didn't want to tie up the line."

## Zigzagzig

How quickly can you spot the wire that's been bent six times?



Answer on page 38.

## Reindeer Workout

By Jane Rice



One, two,  
Up and down,  
Reindeer's hoofs  
Must touch the ground.

Three, four,  
Five times more,  
Stretch those antlers  
To the floor.

Six, seven,  
Eight, nine, ten,  
When we're done  
We'll try again.

Got to get  
In shape today  
So we can  
Pull Santa's sleigh!

# For Wee Folks

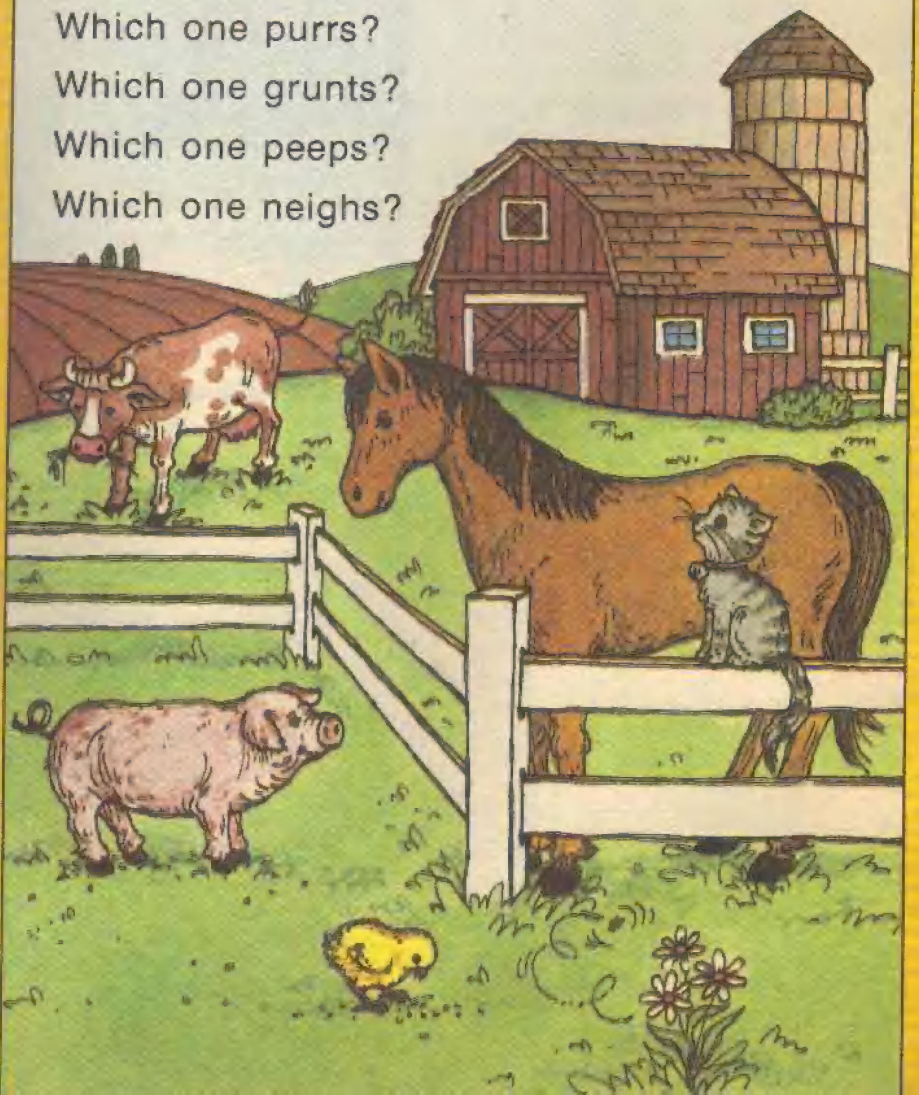
How might these girls be alike?  
How might they be different?



What do we put in each?

Illustrated by Sue Parnell

Which one moos?  
Which one buzzes?  
Which one purrs?  
Which one grunts?  
Which one peeps?  
Which one neighs?



# The Three Skaters

## A Dutch Christmas Tale

Retold by Sylvia Falconer Munsey

Long ago Hans, a farmer, skated along the canal on his way home from market. The sack he carried over his shoulder was almost empty. At the bottom of the sack lay the few apples he had been able to buy with the small amount of money he had saved.

Hans thought of his children—Greet, Pieter, and Frits—and how they wanted him to bring them some sweets. And Hans knew that his wife, Lia, wanted a honey cake decorated with almonds most of all. But the weather had been bitter this year. The frost and snow had come too soon. Most of his crops had been ruined. He did not know how he would feed his hungry family or his cattle.

Hunching his back against the icy wind, he hurried along toward home, thinking how disappointed his family would be. As he stopped to tighten the straps of his curved wooden skates, he heard a soft swishing sound in the distance. Peering



through the dusk, he recognized his neighbor Karel, a miller. Karel was carrying three loaves of bread the baker had given him in exchange for a sack of flour.

The two men skated together, saying nothing about their hungry families. Soon they were joined by Frans, a pig farmer. Frans carried a side of bacon that he had not been able to sell at the market. His family would

also be waiting for the fruits and cakes that he, too, was unable to buy.

The three silent men hurried on. The steady strokes of their skates were the only sounds in the cold, white landscape. The sun had disappeared, and Hans looked up in the sky to see whether the moon had come up from behind the clouds. As he looked, he saw one cold beam

from the moon pointing down to an old snow-covered barn. At the same moment Hans heard a cry coming from the barn.

"Wait," he called to his two neighbors. "Listen." The cry came again. It sounded like a baby.

"That's impossible," Frans said. "That barn has not been used for years. Farmer deWit lets his sheep stay there during the winter, but that isn't the bleat of a sheep."

The three men skated to the edge of the canal, took off their skates, and walked toward the barn. The crying became quieter as they approached, and they could hear a woman softly humming a tune.

The men looked at one another and shook their heads, completely baffled. They hesitated for a moment. Then Hans opened the barn door, and all three stepped inside.

Their ears had not deceived them. There, in the light of a small lantern, was a young woman wrapping a newborn baby in her coat. As she rocked it in her arms, the baby stopped crying and fell asleep. A man was piling some hay together in a corner where the sheep stood.

The mother laid her baby down in the heap of softness.

The man nodded to the three who had entered. "We have traveled a long way," he said. "When it was time for my wife to have the baby, we looked for shelter. How grateful we are to have found this barn. But we cannot stay long, as we have no food."

The three men stood there, unable to speak. Then one by one they emptied their sacks and placed the apples, the bread, and the bacon in front of the mother.

Tears came to her eyes as she smiled at Hans, Karel, and Frans. "Thank you," she said quietly.

One by one they looked shyly at the baby, then left the barn. The moon shone brightly on the snow as they walked slowly back to the canal and put on their skates. As they skated homeward, the empty sacks on their backs, each man was thinking of the baby and mother they had seen in the barn. None of them was worried any longer about going home to his family with an empty sack.

Yet it was curious—their sacks seemed to be growing heavier with each stroke they made with

their skates. As they entered the village, their sacks were so heavy the men were almost doubled over with the weight. They couldn't explain it, but each knew it was good somehow. As they came to the doors of their houses, the weight became almost unbearable.

Hans opened the back door of his house and set the sack on the floor. "It's Father," his daughter Greet shouted. The other two children jumped up and began tugging at the strings of the bag, laughing and dancing, pushing one another in fun because they were so excited.

When the bag was finally opened, out rolled apples and oranges, nuts of all kinds, breads and sausages and cheese. And at the bottom were sweets for the children and a honey cake with almonds for Lia. What a special feast there was in Hans's home that night—and in the homes of Karel and Frans, too.

When the children were filled with good food and sweets and finally tucked into bed, each of the three men sat by his fireplace looking at the flames. Each thought of the mother and her child and the moonlit barn where a miracle had come to pass.

Illustrated by Anthony C. Rao





# The Little Shark

## That a Gull Helped Us Catch

By George W. Frame

A Herring Gull landed in a few inches of water near where my nephew Keith and I were fishing. It reached down, grabbed a fish by the tail, and tugged and tugged. The big gull tried to fly with its prey, and we saw that it had a little shark. But no matter how hard the gull flapped its wings, it could not lift the shark more than halfway out of the water. The gull tried and tried until it was tired, and then it gave up and flew away.

Several minutes later another Herring Gull flew to the same place. We recognized this as a young gull because of its dull brown feathers. Probably it had

watched the unsuccessful adult and now intended to have the shark for itself. But when it grabbed the shark's tail, the gull was yanked forward like a water-skier. The gull quickly let go.

The next morning Keith and I again fished off the sandbar at low tide. This time we saw a Great Black-backed Gull walking around in the shallow water. It reached down and grabbed a small shark just behind the head. The shark twisted and flopped but could not escape from the gull's bite. The gull walked out of the water and dropped the shark on the sand. The bird watched the fish as it thrashed from side

to side. But it did not try to eat the lively shark.

The tide was now coming in fast. We knew that within minutes the shark would be covered with water again and would probably escape. So we ran through the knee-deep water along the sandbar to get to the shark before it could swim away.

Keith touched the shark's skin and said in surprise, "It feels like sandpaper." Keith then turned the shark over. "It doesn't have big sharp teeth," he said in disappointment. Instead the teeth were just a lot of tiny bumps on the jaws. I recognized this shark species as the one we often had caught on our fishing lines. It is named the Smooth Dogfish.

The Smooth Dogfish is very common. We caught ours in New Jersey, but people who fish all the way from Massachusetts to Texas catch many each summer. The ones that live along the northeast coast of the U.S. migrate north each spring and then drift south in the fall, spending the winter in warmer, deeper water off North and South Carolina.

I touched the teeth. They didn't feel any rougher than a finger-nail file. Such short strong teeth must be good for crushing food rather than biting it. Smooth Dogfish eat many crabs and lobsters, which have hard shells. But they also eat small fishes and just about anything else they can find.

"Let's put the shark in our aquarium so we can watch it," Keith suggested. We filled the aquarium with seawater and within minutes the shark was swimming inside.

We could see a small hole

behind each of the shark's eyes, where water enters for breathing. Even if the shark has its mouth full of food, it can still take in water. The five gill slits behind each side of the head are where the water flows out after passing over the gills. All sharks have at least five pairs of gill slits. This is one way they differ from most other fishes, which have only one pair.

Keith counted ten pea-sized, brown copepods on the Smooth Dogfish's fins and one more on top of its head. These tiny hard-shelled animals live on the shark as parasites. They drill through the leathery skin and suck the blood. But they don't cause much harm.

Sharks, as well as their relatives the skates and rays, are different from all other kinds of fishes in an important way. They do not have a bony skeleton. Instead their skeleton is made of gristle, called *cartilage*. The only hard parts in the shark's whole body are the teeth and the many tiny rough particles in the skin. Some species of sharks also

have hard spines in their fins.

Sharks are a very old kind of animal. Shark fossils more than 350 million years old have been found. These ancient sharks were from two to fifty feet long, about the size of the sharks that are alive now. But the sharks of long ago lived at a time when there were no bony fishes. So maybe there were many more sharks alive then than now. Today there are more than 15,000 species of bony fishes but only about 250 species of sharks. Most sharks live in the oceans, but a few species live in the fresh water of rivers and lakes.

Most shark species give birth to live babies, but some species

lay eggs. The Smooth Dogfish gives birth to about ten or twenty live thirteen-inch-long babies in June each year.

Keith had another good idea when he said, "Let's measure the shark." We laid the Dogfish on the boardwalk and put a ruler next to it. We saw that our shark was only twenty-one inches long, a young one. Adults grow up to five feet long.

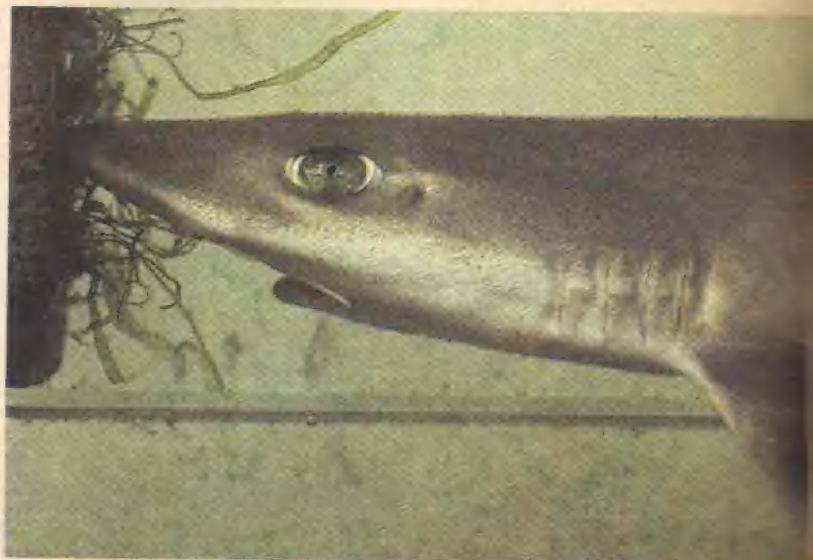
As we were putting the shark into a bucket to carry it back to the sea, I remembered that we were fishermen. Fishermen usually do just one thing with the fish they catch. So that evening we ate our Smooth Dogfish. It was delicious!



The shark we caught—a kind called the Smooth Dogfish—was less than two feet long. Adults can grow to a length of five feet.



The shark finds much of its food using its nostrils and keen sense of smell. Then the small, rounded teeth take over.



A hole behind each eye lets the shark take in water even if its mouth is full. The shark then pumps it out the gill slits.

# The Smallest Snowman



By Linda Gillen

Whoops! J.D. slipped and fell.

"Are you hurt?" her friend Chad asked.

J.D. laughed. "No. It feels good to fall in the snow," she said. "Everything about the snow is fun."

Chad and J.D. lived in a big apartment house. Today the sidewalk in front was covered with snow. A noisy plow was clearing the street.

"Let's run and slide," Chad shouted.

But shovels were already at work. People were piling snow along the edge of the street. They were spreading salt on the sidewalk to melt the snow.

"There is no place to slide," said J.D.

"No place for a snow fort," said Chad.

"And no place for a snowman!" J.D. sighed. She wanted a snowman most of all.

Many, many people lived on that street. They had to go to work. They had to get to stores to buy food. Chad and J.D. knew why the sidewalks had to be cleared. Still, it was too bad not to have room for sliding and snow forts and snowmen.

"Maybe someone will take us to the park on Sunday," said J.D. "Then we can play in the snow."

"Yes," said Chad, "but what about today? I want to play in the snow right now."

"There is not even a place to lie down and make snow angels," J.D. said.

"And no place for a snowball fight,"



said Chad. He picked up a handful of snow and made a snowball anyway. He tossed it up and caught it, tossed it up and caught it.

"No place to do *anything*," he said. He sounded angry.

J.D. saw his arm come back as if to throw the snowball. She saw people coming down the sidewalk. She grabbed Chad's arm.

"Don't," she said. "Don't throw it, Chad. It might hurt somebody."

Chad pulled his arm away. He was still angry, but he did not throw the snowball. "I will smash it then," he said. "I will smash it on the sidewalk."

J.D. looked at the round white snowball. "If you do not want it, may I have it?" she asked.

She could feel the icy coldness of the snowball right through her red mittens. Putting it down near a fire hydrant, she scooped up more snow.

"What are you going to do?" Chad asked. "Make a whole pile and throw them at the snowplow?"

"No, silly," J.D. said with a giggle. "I am going to make a snowman." She rolled a tiny little snowball.

"How can you make a snowman on the sidewalk?" Chad asked. "There is no room for a snowman."

"There is for this one," J.D. said. On her red mitten stood a little tiny snowman—the smallest snowman ever.

Chad stared at it. At last he said, "It needs eyes. And a nose and a mouth and something for a hat."

"Help me find them," J.D. said. And so he did.



# Things to Make



## Candy-Cane Reindeer

By Jane K. Priewe

Hold a candy cane so that its top part bends toward you. This part will be the reindeer's face. Cut eyes from black felt and a nose from red felt. Glue them to the reindeer's face.

Make antlers from two pipe cleaners. Twist one around the top of the reindeer's head, and bend one end out to each side. Cut the second pipe cleaner in half. Twist one half to the center of each antler.

Tie a loop of thread around the cane behind the antlers, and hang your candy-cane reindeer on the Christmas tree.

## Gingerbread-Boy Ornament

By Kathy Ross

Draw a gingerbread boy on a piece of corrugated cardboard. Cut the boy out. Trim him with bits of pink yarn to look as if he is trimmed with frosting. Punch circles of colored paper to make his buttons, cheeks, and eyes, and glue them on. Poke a hole in the top of the boy, and tie a hanger of yarn through the top.



## Santa's House

By Matthew Stockton

Cut a large hole in the center of a shoe-box lid. Cut another hole in one long side of the box. Paint the box and the lid, or cover them with colored paper.

Glue the lid onto the box. Lay the box on its side with the hole in the lid facing you. The inside

of the box will be Santa's house.

Draw windows on the back "wall." Draw Santa, a Christmas tree, and other objects on light cardboard. Color them and cut them out, leaving a tab at the bottom. Bend the tabs back, and glue them to the "floor."





### Note Holder

By Carmen Horn

Select a picture from a greeting card. If necessary, glue the picture to a piece of lightweight cardboard. Cut out the picture, and glue a spring-type clothespin to the back. This holder can be used to clip a place card, a recipe, or a note.



### Pinecone Christmas Tree

By Denise Larson

Using scraps of aluminum foil, colored foils, ribbon, or construction paper, punch out circles with a paper punch, letting them fall into a large paper bag.

Brush white glue onto a pinecone's "branches." Place the pinecone into the bag of dots, close the bag top, and shake.

Gently remove the decorated cone from the bag, and let it dry.



### Hanukkah Card

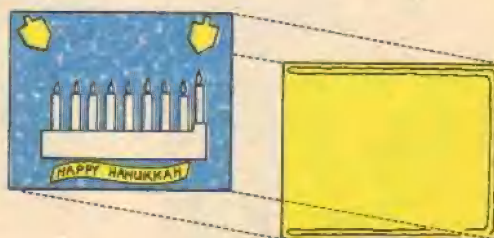
By Jean F. Roath

Start with a rectangle of blue construction paper. Cut the menorah shape from white paper, and glue to the front of the card. Make candles from white paper or narrow ribbon, and glue them in place. Above each candle cut a hole shaped like a flame. (Use nail scissors and ask an adult to help if necessary.) Finish decorating the card with cutout dreidels, a holiday greeting, or whatever you like.

Cut a piece of yellow paper the same size and shape as the blue rectangle. Glue it on the back of

the card, putting glue only on the top, bottom, and right-hand edges.

To give the card action, cut a narrow rectangle into the left side of the card, cutting through both blue and yellow papers. Cut out a second blue rectangle slightly smaller (in both width and height) than the first one. Slip it between the front and back of the card. Glue a piece of white paper to this smaller rectangle at the point where it shows in the left-hand opening. Write PULL on this white paper. As the tab is slowly pulled to the left, the candles in the menorah will be lighted.



# Larry Bird

## Practice, Practice, Practice

By Mike Klodnicki

There's an old saying that practice makes perfect. Larry Bird, team captain of the Boston Celtics, believes it.

"You should practice a lot at whatever you do," he says. "That's how you get good at something. You just don't lie in bed and the next day wake up with all the ability you want. You have to work hard at it."

Larry knows what he is talking about. As a child growing up in French Lick, Indiana, he loved to practice and practice and practice basketball.

Larry's two older brothers always took the family basketball for neighborhood games. Larry was usually left behind because they thought he was too young. He got to use the basketball only when his two older brothers didn't want it. That was

either early in the morning or late in the afternoon when it was starting to get dark. It was hard to find anyone to play with at those times.

That didn't bother Larry. He practiced on his own. He practiced shooting and dribbling. Over and over again. He worked on rebounding and jumping. Over and over again.

"When I was young, I tried a little bit of everything," he says now. "I didn't concentrate just on one individual thing. I worked a lot on my total game, and it paid off for me."

Practicing did pay off. Larry went to Indiana State University where he starred at basketball. The school had never had a good basketball team, but in Larry's senior year the team won 33 games in a row. Larry averaged

The scene is the Meadowlands Arena in New Jersey. The Boston Celtics are playing the New Jersey Nets. Bird is playing superb basketball. His shots swish through the net. He is rebounding with ease. His passes find the open players, who score easily.

Larry ends the night with 25 points, 14 rebounds, and 10 assists. That's double figures in the three major statistical areas, a very difficult accomplishment.

After the game a reporter asks him why he plays basketball so well. "I've worked kind of hard at it," he replies. "A lot of it is hard work and practice."

His advice for you is the same: "Go out and work hard and practice as much as you possibly can. In anything you do, you should work hard and practice every day. If you do that, you'll make it. Practice is pretty tough, but you have to put your time in."

**The Bird Files** Boston's 6'9" forward grabs a rebound under the boards.



over 28 points per game, and he pulled down more than 14 rebounds per game. Indiana State University finished second in the national championships.

The next year Larry was playing professional basketball for the Boston Celtics. Almost immediately that team became better.

Larry continued doing all the things he had practiced so hard as a youngster. He handled the ball. He shot very well. His passes were quick and accurate. He got a lot of rebounds.

The Celtics ended the season with the best record in the National Basketball Association—61 wins and 29 losses. Larry was named Rookie of the Year.

Since then he's only gotten better. In 1980-81 he led the Celtics to the NBA championship. In 1981-82 Larry showed his determination along with his skills. Although injured for much of the season, Larry still played his best and led his team into the playoffs. In 1982-83 he once again improved in almost every statistical category, leading the Celtics in such categories as scoring, free-throw percentage, and assists. In 1983-84 the Celtics were again the NBA champions, and Larry Bird was named Most Valuable Player of the season and of the playoff series.

Larry Bird still practices hard. Before each game, he studies a videotape of the opposing team. Then he practices doing what he thinks will work best against that team.

And for Larry Bird, practicing will never end. "In the future," he promises, "I can work and practice a little harder. Then I'll get a little better."

**Driving In** With close coverage like this, it's all that practice that gives Bird the edge.



# Rabbit's New Neighbor

By Margaret Meacham

Rabbit peered into the window of the house next door. There was no doubt about it. Someone was finally moving in. Through the window she could see a big gray packing trunk, several cans of house paint, and some brushes. They had not been there yesterday. Rabbit looked for more signs of her new neighbor, but the sun was so bright that it was difficult to see into the dark house.

Rabbit hurried on down the street, wondering what her new neighbor would be like. She had not gone far when she came upon her friend

Gander. "Good morning, Gander," said Rabbit.

"Good morning to you, Rabbit. Do you have any news today?"

"Well, as a matter of fact, I believe we have a new neighbor. I looked in the window of the house next door this morning, and I saw a big gray trunk and some paints and brushes."

"How exciting!" said Gander. "Did you see anything else?"

Rabbit was in a great hurry. "Well, the sun was very bright, you see," she explained quickly. "But I must be on my way. I am already late for work."



And she was gone before Gander could say another word.

Gander had just been to the bakery and was on his way to Badger's house to return a book. He walked on, thinking about the new neighbor. A big gray trunk, he thought. Why, it must be an elephant. And he must be an artist. Why else would he have paints and brushes? And his son is very bright. Well, it sounds like an interesting family.

"Good morning, Badger," called Gander, letting himself in the back door of his friend's house. "Have you heard the news? We have a new neighbor."

"Someone is finally moving into the house next to Rabbit's?" said Badger.

"Yes, an elephant. He is an artist and has a son who is very bright."

"That is exciting news," said Badger.

"Well, I must be getting home. I just bought two cakes at Squirrel's bakery. He is having a sale."

But Badger was still thinking about the new neighbor and his family.

"Are there any more?" he asked, wondering if the elephant had other children besides the very bright son.

"Oh, I am quite sure he has several," said Gander, who was thinking of Squirrel's cake sale.

When Badger went for a walk that afternoon, he ran into Claudia and Percy Porcupine. "Have you heard the news?" he asked. "An elephant family is moving in next door to Rabbit. The father is an artist, and there are several children. One of the sons is very bright."

Continued on next page



"That is news indeed," agreed Claudia and Percy.

Badger was carrying a bag of oranges. "I just purchased these at Goose's grocery. Would you like one?" he offered.

Claudia took one and thanked him, but Percy's mind was still on the new neighbor. "Do you know where they are from?" he asked.

"California, I should think," said Badger, examining his oranges.

Badger hurried off, and Claudia and Percy went on their way, until they saw Rabbit coming toward them on her way home from work.

"We have heard all about your new neighbor," said Claudia.

"Yes, indeed," said Percy. "A family of elephants from California. The father is an artist, and there are several children. One of the sons is very bright."

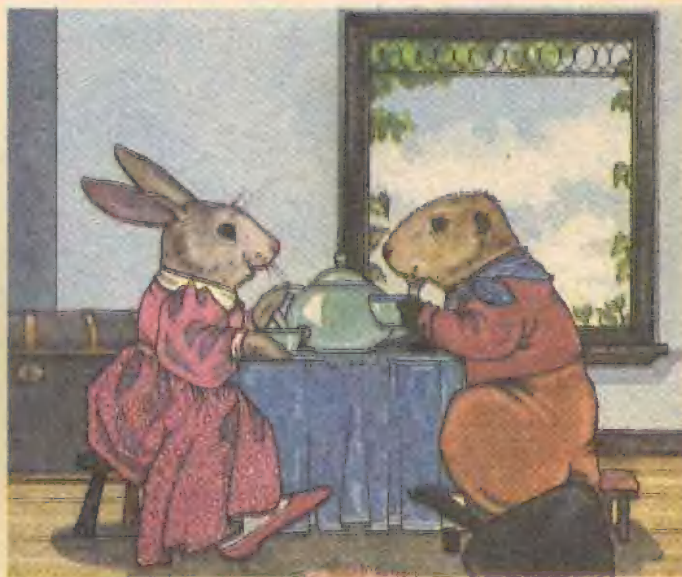
"Well, perhaps I will pay a call on them this evening," said Rabbit.

When Rabbit got home she went next door and rang the bell. She was surprised to see a beaver answer. Rabbit introduced herself, and Beaver invited her in for a cup of tea.

As they talked, Beaver told Rabbit that he lived alone, that he was a retired letter carrier, and that he came from Vermont.

"You know, it is funny," said Rabbit. "I had heard that a family of elephants from California had moved in. The father was supposed to have been an artist. I heard they had several children and that one of the sons was supposed to have been very bright."

Beaver and Rabbit laughed, and Rabbit shook her head and said, "I wonder how these silly rumors ever get started."



# Headwork

Start at the beginning and see how far you can go, thinking of good answers from your own head.

## Jokes

Selected by Our Readers

Earl: "My dog started chewing up the dictionary."

Pearl: "What did you do?"

Earl: "I took the words right out of his mouth."

*Cynthia B. Tiquia—Washington*

Customer: "Can I put this wall-paper on myself?"

Clerk: "Sure, but it would look better on the wall."

*Jennifer Peat—Ontario*

Pat: "I was once in a room without a single door."

Chris: "How did you get out?"

Pat: "I used the double doors."

*Jamie Rankin—Pennsylvania*

Jeff: "If April showers bring May flowers, what do May flowers bring?"

Johnny: "Pilgrims, of course!"

*Jason Hardin—Texas*

City Person: "Look at that bunch of sheep."

Farmer: "Not bunch, *herd*."

City Person: "Heard what?"

Farmer: "Herd of sheep."

City Person: "Sure I've heard of sheep."

Farmer: "No, a sheep herd."

City Person: "Why should I care what a sheep heard? I don't have any secrets."

*Candie Martin—Georgia*

Diner: "Is there any soup on the menu?"

Waiter: "There was, but I wiped it off."

*Jerica Naas—Indiana*

Send the funniest joke or the best riddle you ever heard, with your name, age, and home address, to:

HIGHLIGHTS FOR CHILDREN  
Honesdale, PA 18431

Is your mother a man or a woman?

Does an egg have bones in it?

Could you squeeze juice from a wooden block?



Does a lion crow, squeal, or roar?

Would you like to sleep out in the snow?

Where are the soles of your feet?

Which of these likes to eat worms: a rabbit, a robin, or a dog?

Name things you could decorate a Christmas tree with.



What is the difference between boots and shoes?

Which is easier to paint, a smooth board or a rough board?

Why shouldn't we eat our food too fast?



On the telephone Jeremy told Doris it had snowed during the night. Jeremy hadn't seen it snowing. How could he have known?

Are plums usually bigger or smaller than apples?

Do we usually hear thunder more often in December or June?

A hunter walking through the woods said to herself, "A deer lay here last night." What could have caused the hunter to arrive at this conclusion?

Why are telephone wires strung on high poles rather than on short poles or on the ground?



How could you lift your grandmother?



## Wind

The wind  
outside  
is blowing  
the trees.  
Whooooo,  
Whooooo.

Alan Brooks, Age 5  
Battle Ground, Indiana

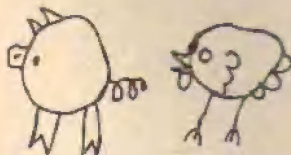
## Art Museums

Museums  
tell stories  
of other places  
of long ago  
of old ideas  
of inspiration  
love  
magic  
and sadness  
feelings  
on canvas  
in stone  
clay  
marble  
metal  
but  
most of all  
museums  
tell stories  
of  
people.

Gretchen Lembach, Age 12  
Rochester, New York

When there is not much to do,  
I get out my guitar and pretend I  
am a rock star. I turn on my  
stereo. The whole room is filled  
with music and I'm not lonely  
anymore.

Todd Vigorito, Age 7  
Pompton Plains, New Jersey



Noah Sankovich, Age 4  
Rolla, Missouri

## Oh, Wreath!

I love the wreath that hangs  
on my door, that has lots of green  
leaves. But most of all I like the  
hollyberries on it. That's why I  
like the wreath.

Jenny Burge, Age 6  
Maineville, Ohio



Joshua Cambio, Age 8  
Roselle, Illinois



Justin Sobota, Age 7  
Biglerville, Pennsylvania



Ann Horiath, Age 11  
Budapest, Hungary

## Cold

Cozy and warm.  
Oh, that smells good.  
Lucky for me  
Dad chopped some wood.

Timothy Stuart, Age 10  
Concord, New Hampshire

## Snow in the Night

Snow in the night falls grace-  
fully, spotting up the sky, flying  
like tiny birds all white.

Jenny Ahearn, Age 7  
Milton, Massachusetts



Jonathan Southwood, Age 10  
Dubuque, Iowa

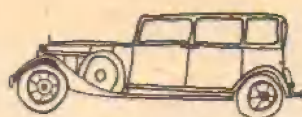


Christina Mitchell, Age 7  
Monroe, Louisiana

## Chanukah Night

Tonight is Chanukah; Chanukah shall it be. I am sure we will have latkes—potato pancakes they are. We will play dreidel games and sing songs, too, light the menorah and say prayers. All are fun to do!

Kimberly Davidson, Age 7  
Portland, Maine



Packard  
Billy Adkins, Age 10  
Cedarburg, Wisconsin



Tobey Chandler, Age 11  
Warner Robins, Georgia



Nick Izard, Age 6  
Concord, California



Dustin Rose, Age 4  
Tuscola, Texas



Nikki Nichols, Age 12  
Shreveport, Louisiana



Ray Penatzer, Age 9  
Summerhill, Pennsylvania



My Stuffed Otter  
Joshua Smith, Age 9  
Cheney, Washington



Matthew Lyons, Age 7  
St. Stephen, New Brunswick



A Hanukkah Menorah  
Rachael Dale, Age 6  
Matteson, Illinois



Sean Brodeur, Age 9  
Palmer, Massachusetts

## Christmas Holidays

When it's Christmas holidays  
My brother and I build snowmen  
Out in the soft, new-fallen snow.  
The snowflakes do their dance.  
They turn around, around, and around;  
Finally they land.  
Inside we decorate the whole house.  
Decorating the tree is the best part.  
My dad comes home from work.  
He shovels our driveway.

Jennifer Carswell, Age 10  
Campbell River, British Columbia



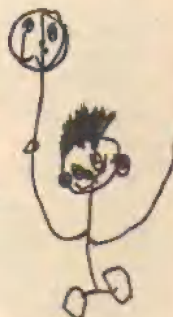
Shannon M. Barnett, Age 6  
Mesa, Arizona

## When Hazel, My Cat, Died

When Hazel, my cat, died,  
I ran upstairs and cried.  
I sobbed all night,  
It was quite a plight,  
When Hazel, my cat, died.  
When Hazel, my cat, died,  
Just nothing went all right.  
The house was not very bright,  
It seemed like there was no light,  
When Hazel, my cat, died.

I remember Hazel,  
So loving and sweet,  
I will miss my Hazel,  
Purring at my feet.

Evelyn Copple, Age 9  
Livonia, Michigan



Me  
Alex Urich, Age 3  
Norfolk, Virginia

## Night and Day

Night  
Is dark and starry,  
Giving the day a rest,  
Helping the world  
To get ready for  
Another day.  
Night is gone.  
Dawn is here.  
Dreams are put away.  
A new day has begun!  
Yes, we always know;  
night will come again.

Suzi Stuelpner, Age 9  
Randolph, New Jersey

## The 25th of December!

It's Christmas morning! I'm getting up. The sun is rising. I can't wait till Mom and Dad get up. But my brother sleeps until 7 o'clock. It's the "pits," but I'll sit and wait. It's OK with me!

Joe Renes, Age 6  
Warren, Arkansas

Would you like to send a poem, story, or a black-and-white drawing to Our Own Pages? Be sure that it is your own creation, that you haven't heard or seen it somewhere else, and include your name, age, and full address. Send it to:

HIGHLIGHTS FOR CHILDREN  
Honesdale, PA 18431

# Riddles

Selected by Our Readers

1. Two mothers and their daughters went out to eat. Each mother and each daughter had a plate. Yet there were only three plates. How could this be?  
*Lisa Mattam—Ontario*

2. What did the digital watch say to its mother?  
*Hillary Duff—Montana*

3. What would you get if all the cars in the nation were painted pink?  
*Martin Hurt—Virginia*

4. What was the frying pan's favorite song?  
*Shelley Deur—Michigan*

5. What do you get when you cross a cactus and a porcupine?  
*Karen Reddick—North Carolina*

6. What is coming but will never arrive?  
*Lynn Gunory—Utah*

7. What's the best month for a parade?  
*Michael Collins—California*

8. What has eyes but never cries?  
*Joshua Jones—Oregon*

9. There is something lighter than a feather that you can't hold even ten minutes. What is it?  
*Yves F. Jerome, Jr.—New York*

## Answers:

1. They were a grandmother and her daughter and her granddaughter. 2. "Look, Mom, no hands!" 3. A pink carnation (a pink-car nation). 4. "Home on the Range." 5. Sore hands. 6. Tomorrow. 7. March. 8. A potato. 9. Your breath.

## Fun with Phonics

Find two things with names that begin with d.

Find two with d at the end.

Two with d in the middle.



## ANSWERS:

1. piano hammers (that strike the strings inside a piano)  
2. base of a light bulb  
3. inside of a blender  
4. cap and top of a car's radiator  
5. inside of a typewriter  
6. the slots of a 4-slice toaster  
7. March  
8. A potato  
9. Your breath  
10. "Stringing You On" (page 20)  
11. "Zigzagzig" (page 20)  
12. "Pick a Pair" (page 15)  
13. Numbers three and four match.  
14. "Mystery Photos" (page 51)  
15. 4, 6, and 20 centimeters.

## Front Cover and What's Wrong? by Lea Gray

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Well, I think the tights go *under* the tutu.

# The Rock Hound

By James Collett

"Go get it," I tell Beowulf as I throw the rock. It hits high on the hill and tumbles down a little. It tries to hide among many other stones just like it.

Beowulf watches it tumble and stop. Then he runs to where it landed and starts to search. Soon he will be back with my rock.

I call Beowulf my "rock hound." He is not really a hound. He is a German shepherd. "Rock hound" is sometimes used as a nickname for a person who studies rocks. Such scientists are called geologists.

Of course, Beowulf does not study the rocks. At least I do not think so. He just likes to hunt them.

One of my friends did not believe me. He said, "Are you sure he brought back the same rock that you threw? They all look alike." So we took a pencil and put an X on the rock. Then I threw it. In a few moments Beowulf came back with the rock we had marked. All my friend could say was, "Wow!"

Sometimes I make it harder for

Beowulf. I throw several rocks in a row. While he is searching, I go in the house to rest. When I come back out, I find the rocks stacked by the door.

Some people play this game with sticks. Beowulf and I like to use rocks. That makes the game harder.

Of course, I never let Beowulf toss a rock out for me to find. I would never be able to find the right one.

Think about rocks and how many of them look so much alike. How do you suppose Beowulf can always pick out the same rock that I threw?



# Index/Stories and Articles 1984

Every story and article in each 1984 issue of HIGHLIGHTS is listed alphabetically in this index. The index is like a library card catalog. You can find a story or article by looking up the title:

**Diving Lumberjack**  
Article by Jan Burland, Jun:32

And in most cases you can look up the subject:

**Beavers**  
**Diving Lumberjack, Jun:32**

The month a story or article appeared is abbreviated and is followed by the page number. For example, Oct:19 means page 19 of the October issue.

To help you find quickly what is in a story or article, brief descriptions are given under one or more of the following group headings:

Animals, articles about	History
Art	Music
Articles— general topics	Plants, articles about
Astronomy, articles about	Sports, articles about
Birds, articles about	Stories (fiction) —Easy to read
Foreign Countries, articles about	Stories (fiction) —More advanced reading

For example, if you look under "Animals, articles about," you will find this entry:

**Diving Lumberjack** by Jan Burland,  
Jun:32. Studying a beaver's  
activity in Alaska.

Some features are grouped in special listings:

LISTED UNDER	
Drawings, poems, and stories by children	Readers' contributions
Craft ideas	Things to Make
Holiday features	(See issue for month in which holiday occurs.)

## A

**Action Rhyme**  
**Marching to Dundee, Sep:25**  
**Reindeer Workout, Dec:20**

**Addams, Jane**  
**Come Play at My House: The Story of  
Jane Addams, May:16**

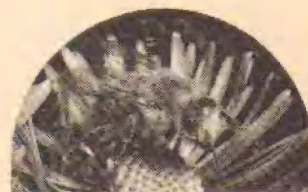
**Aesop, the Teacher**  
Article by June Swanson, Jun:24



**Aloysius and the Screech Owl**  
Story by Sydney K. Davis,  
Jul-Aug:38

**Amy's Box**  
Story by Linda Daldry, Nov:12

**Animals, articles about**  
**Coats Mammals Wear, The**, by George W. Frame, Sep:20. The coats of animals and the process of molting.  
**Diving Lumberjack** by Jan Burland, Jun:32. Studying a beaver's activity in Alaska.  
**Elephant Rodeo** by Lloyd Eric Reeve, Nov:24. Mahouts, the equivalent of cowhands in Thailand, have exciting rodeos with elephants.  
**Flying Spiders** by J. Jay Myers, Feb:20. How some young spiders move through the air by "ballooning."  
**Green Pretender** by Lory Herbison Frame, Mar:12. Chameleons can blend with their environment without even seeing it.  
**Happy Has a Baby** by Peg Roberts, Mar:42. Happy, an Arabian mare, has a lovely stay on a breeding farm waiting for her baby.  
**House-Hunting Hermit, The**, by Lowell and Kaye Christie, Jul-Aug:12. Facts about the hermit crab.



**How a Honeybee Chooses Its Flowers**  
by Keith D. Waddington, Apr:24. A scientist charts the path of a honeybee through a field of artificial flowers.

**Little Shark That a Gull Helped Us Catch, The**, by George W. Frame, Dec:24. The author takes a close-up look at a small shark, the Smooth Dogfish.

**Magnetic Bacteria** by Jack Myers, Ph.D., Nov:10. Even tiny organisms appear to sense where north is.  
**Magnetic Sense—Who Has It?** by Jack Myers, Ph.D., Oct:34. Certain animals, such as pigeons, salmon, and honeybees, seem to have a sixth or magnetic sense.

**Masters of Concealment** by George W. Frame, Nov:20. Many types of animals possess some innate camouflage.

## Animals, articles about (continued)

**Moths Have Ears, Too** by Arthur G. Sharp, Oct:8. The unending life struggle between bats and moths.  
**My Friend Callahan and Other Pet Cats** by George W. Frame, Oct:20. How wild cats came to be tame household pets.  
**My Friend Shiloh** by Don C. Reed, May:41. The wonders of dolphins as described by a diver at Marine World.  
**Rock Hound, The**, by James Collett, Dec:39. The author's German shepherd can find a rock even when it's thrown among other rocks.



**Watching a Sidewinder** by George W. Frame, Jan:20. A general description of rattlesnakes and why the sidewinder rattlesnake moves as it does.

**When African Lions Came Visiting** by George and Lory Frame, Apr:16. The Frames' African home is surrounded by lions.

**Wolf Search in the Rockies** by Ursula Mattson, Feb:42. The author tells how she studied wolves in the Rocky Mountains.

See also Birds, articles about

## Are You a Flag-Code Expert? A Quiz about Old Glory

Quiz by Mary L. Lemmenes, Jun:18



## Art

**Louise Nevelson**, by Peter P. Jacobi, Jun:12. A brief background on her life is given as well as descriptions of some of her work.

**Marguerite de Angeli: Living a Storybook Life** by William T. Anderson, Nov:42. This author-illustrator used experiences from her life and travels to create memorable books for children.

**Pictures from Sand: The Art of David Villaseñor** by Wendy Heller, Sep:12. With minerals of many colors, this artist recreates the art of sand painting.

**Say It With an Egg** by Frances M. Clapper, Apr:12. A Ukrainian Easter egg is a work of art.

## Articles

For convenience, articles are described by subject matter under the following headings: *Animals, Art, Articles—general topics, Astronomy, Birds, Chemistry, Foreign Countries, History, Music, Plants, Sports.*

## Articles—general topics

**Dear Mom and Dad, Please Stop Smoking!** by Tom White, Nov:28. HIGHLIGHTS readers tell how they have helped their parents stop smoking.

## Articles—general topics (continued)

**Great Stone Faces** by Willard Luce, Apr:42. Wind, rain, and sand have formed unusual rock shapes in the southwestern U. S.

**How About Earlids?** by G. T. Neswold, Mar:28. This article compares human ears to those of cats and dogs and gives reasons why earlids would be useful—or would they?

**How Chester Greenwood Invented Earmuffs** by Kathy Lynn Emerson, Jan:18. Chester loved ice-skating, but his wool hat wouldn't cover his ears, so he invented ear protectors.

**How I Walk Without Leg Muscles** by Maurice Becker, Ph.D., Sep:38. How leg braces help the author walk.

**Message from the Surgeon General, A**, by C. Everett Koop, M.D., Dec:17. The U. S. Surgeon General talks to HIGHLIGHTS readers about smoking.



**What's a Napron?** by Margaret Maddox Wallworth, Jun:9. Some words starting with *n* once began with vowels; others evolved in the opposite manner.

## Astronomy, articles about

**Clockwork Star** by Jack Myers, Ph.D., Jul-Aug:46. Stars with constant pulses are being studied—could a clock work by these pulses?

**Mars: The Red Planet** by John Mood, Ph.D., May:12. Mars has high visibility in the early summer every two years.

## At the First Modern Olympics

Article by LaVada Weir, Jul-Aug:16

## B

### Bacteria

**Magnetic Bacteria**, Nov:10

### Bag Drama

Game by Elizabeth House, Jul-Aug:51

### Bald Eagles Are Coming Back

Article by Jack Myers, Ph.D., Mar:38

### Bannister, Roger

**The First Four-Minute Mile**, May:28

### Basketball

**Larry Bird: Practice, Practice, Practice**, Dec:30

### Bates, Katharine Lee

**"America the Beautiful,"** Jul-Aug:37  
**"From Sea to Shining Sea":** Katharine Lee Bates and the Story of "America the Beautiful," Jul-Aug:36

### Bats

**Moths Have Ears, Too**, Oct:8

### Bead Game, The

Poem by B. Renner, Dec:50

### Bear Family, The

**Feature originated by Garry Cleveland Myers, Ph.D.**  
 Feb:28, Apr:27, Jun:30, Jul-Aug:18, Sep:30, Oct:10

## Bears

**Science Letters**, Jun:16

## Beautiful Tree, The

Rebus by Marilyn Kratz, Dec:11

## Beavers

**Diving Lumberjack**, Jun:32

## Bees

**How a Honeybee Chooses Its Flowers**, Apr:24

## Best-Friends Smile, A

Story by Alesia M. Penso, Apr:30

## Better Than a Robot

Rebus by Lanis Graunke, May:11

## Beverly's Tall Story

Story by Ann Bixby Herold, Jan:12

## Biographical Articles

### Articles about

**Addams, Jane** (social worker) May:16  
**Aesop** (storyteller), Jun:24  
**Bannister, Roger** (runner), May:28  
**Bates, Katharine Lee** (poet), Jul-Aug:36  
**Bird, Larry** (basketball player), Dec:30  
**Bizet, Georges** (composer), Oct:39  
**Buck, Pearl** (author), Mar:8  
**Cage, John** (composer), Mar:26  
**Cuffe, Paul** (philanthropist), Feb:24  
**de Angeli, Marguerite** (author-illustrator), Nov:42  
**Lincoln, Abraham** (president), Feb:29  
**Nevelson, Louise** (sculptor), Jun:12  
**Villaseñor, David** (sand painter), Sep:12

## Bird, Larry

**Larry Bird: Practice, Practice, Practice**, Dec:30



## Birds, articles about

**Bald Eagles Are Coming Back** by Jack Myers, Ph.D., Mar:38. Scientists' efforts to help the bald eagle survive have paid off.

### Birds That Wear Bracelets

Rogers, Jan:26. The process of banding birds in order to study them.

**Choosy Chippers** by Beverly J. Letchworth, Nov:34. The red-cockaded woodpecker's unusual lifestyle and habitat.

**Flemingos** by George W. Frame, Jul-Aug:24. These bright-colored birds catch and eat food so tiny it can hardly be seen.



## Our Neighbors, the Loons

Goddard, Sep:28. The cry of the loon is heard often in northern lakes.

## Birds That Wear Bracelets

Article by Betsy Rogers, Jan:26

## Bizet, Georges

**He Thought He'd Failed Again**, Oct:39  
**"Toreador Song" from Carmen**, Oct:38

# B-C-D-E-F-G

- Blackout Banquet**  
Story by Beth Thompson, Nov:22
- Breakfast Surprise**  
Rebus by Sandra and Susan Steen, Feb:11
- Buck, Pearl**  
**Pearl Buck: Growing Up In China, Writing for the World**, Mar:8
- Buddy's Letter**  
Rebus by Pat Kite, Mar:39

## C

- Cage, John**  
**John Cage**, Mar:26
- Call from the Night, A**  
Story by Karla Anderson, Jan:4
- Captive, The**  
Story by Lois Breitmeyer and Gladys Leithauser, Jul-Aug:4
- Carl's Choice**  
Unfinished story by Charles Beamer, Jan:17  
Responses, May:18
- Cats**  
**My Friend Callahan and Other Pet Cats**, Oct:20
- Chameleons**  
**Green Pretender**, Mar:12
- Character Builders**  
Jan:38, Feb:30, Mar:34, Apr:15, May:31, Jun:31, Jul-Aug:38, Sep:27, Oct:28, Nov:33, Dec:20
- Check and Double Check!**  
Feature by Martin Filchock, Feb:16, Jun:27, Sep:17, Nov:15
- Checker Tournament, The**  
Story by Barry Mandell, Jun:34
- Chemistry**  
**Iron on Fire** by Jack Myers, Ph.D., May:30. Loads of iron on shipboard overheat as the iron rusts.  
**Science Letters**, Jun:16



- Chipmunk Crossing**  
Story by Rita Marie Herther, Oct:41
- Choosy Chippers**  
Article by Beverly J. Letchworth, Nov:34
- Clockwork Star**  
Article by Jack Myers, Ph.D., Jul-Aug:46
- Clue in the Zoo, The**  
Story by Herma Silverstein, May:4
- Coats Mammals Wear, The**  
Article by George W. Frame, Sep:20
- Code Red**  
Story by Paul E. Stawski, Mar:24
- Come Play at My House: The Story of Jane Addams**  
Article by Phyllis S. Yingling, May:16
- Crabs**  
**The House-Hunting Hermit**, Jul-Aug:12

- Creasures Nobody Has Ever Seen**  
Apr:21, Sep:43
- Critter Himself, The**  
Article by Harold Holzer, Feb:29
- Crow Know-How**  
Story by Eva Brown, Nov:31
- Cuffe, Paul**  
**Paul Cuffe and the Dream That Came True**, Feb:24
- Cyril to the Rescue**  
Story by Margaret Springer, Nov:4

## D

- de Angeli, Marguerite**  
**Marguerite de Angeli: Living a Storybook Life**, Nov:42.
- Dear Mom and Dad, Please Stop Smoking!**  
Article by Tom White, Nov:28
- Detective Dick and the Mystery Prize**  
Story by Edith Gilmore, Oct:22



- Diving Lumberjack**  
Article by Jan Burland, Jun:32
- Dogs**  
**Rock Hound, The**, Dec:39  
**Science Letters**, Feb:18
- Dolphins**  
**My Friend Shiloh**, May:41
- Dreams**  
**Science Letters**, Sep:16

## E

- Eagles**  
**Bald Eagles Are Coming Back**, Mar:38
- Elephant Rodeo**  
Article by Lloyd Eric Reeve, Nov:24
- Escape from Vietnam**  
Article by Nga Vo, Oct:24
- Ether**  
**Science Letters**, Feb:18
- Everywhere That Mary Went**  
Story by Sanae K. Moorehead, Mar:32
- Exclusive Interview with Astronaut Annie, An**  
Story by Judy Enderle, Jul-Aug:10

## F

- Fables, legends, and folktales  
**Aesop, the Teacher**, Jun:24  
**Three Skaters, The**, Dec:22
- Fabulous Wizard of Oz, The**  
Limerick, Oct:25
- Faster Than Light**  
Limerick by A. H. Reginald Buller, Oct:25
- Fire Fighters' Helper**  
Rebus by Sally Lucas, Nov:26
- First Four-Minute Mile, The**  
Article by Margot Moran, May:28



- Fixit Team to the Rescue**  
Story by Linda Connor, Jun:22
- Flamingos**  
Article by George W. Frame, Jul-Aug:24
- Flying Spiders**  
Article by J. Jay Myers, Feb:20
- Foreign countries, articles about  
**Elephant Rodeo** by Lloyd Eric Reeve, Nov:24. Mahouts, the equivalent of our cowhands in Thailand, have exciting rodeos with elephants.  
**Escape from Vietnam** by Nga Vo, Oct:24. A true story by a young girl of her escape from Vietnam.  
**Meet Tarik** by Joyce Niles, Jul-Aug:20. Tarik's school and family life in Jordan are described.  
**Music of Africa, The**, by Barbara Bigham, Jan:33. The music of Africa is played on several interesting instruments.  
**Pearl Buck: Growing Up in China, Writing for the World**, by Mary McGahan, Mar:8. Pearl Buck won the Nobel Prize for literature for her colorful and realistic stories of life in China.  
**Say It With an Egg** by Frances M. Clapper, Apr:12. A Ukrainian Easter egg is a work of art.  
**When African Lions Came Visiting** by George and Lory Frame, Apr:16. The Frames' African home is surrounded by lions.



- For Wee Folks**  
Jan:25, Feb:39, Mar:11, Apr:20, May:26, Jun:11, Jul-Aug:26, Sep:26, Oct:11, Nov:11, Dec:21
- Fossils**  
Poem by Lilian Moore, Nov:6
- "From Sea to Shining Sea": Katharine Lee Bates and the Story of "America the Beautiful"**  
Article by William Folprecht, Jul-Aug:36
- Fun with Phonics**  
Jan:11, Mar:18, Apr:9, May:8, Jun:10, Jul-Aug:10, Sep:9, Oct:18, Nov:8, Dec:38
- G**
- Garden Surprise**  
Rebus by Carolyn Breecher, Oct:19
- Getting Hot**  
Article by Keith E. Idso, Mar:22

## Getting Ready to Read Feb:16; Jun:15



**Goofus and Gallant**  
Jan:30, Feb:27, Mar:29, Apr:38,  
May:27, Jun:17, Jul-Aug:8, Sep:35,  
Oct:30, Nov:27, Dec:8

**Grapes**  
Science Letters, Apr:35

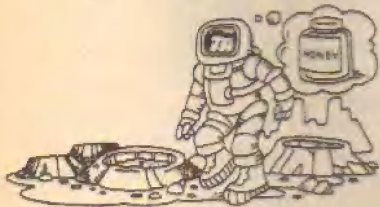
**Great Stone Faces**  
Article by Willard Luce, Apr:42

**Green Pretender**  
Article by Lory Herbison Frame,  
Mar:12

## H

**Happy Has a Baby**  
Article by Peg Roberts, Mar:42

**Harmonicas**  
A Song in Your Pocket, Dec:19



**Headwork**  
*Questions that can be answered from  
experience and observation rather than  
book learning.*  
Jan:42, Feb:38, Mar:35, Apr:39,  
May:38, Jun:38, Jul-Aug:47, Sep:40,  
Oct:31, Nov:18, Dec:35

**Health and Safety**  
**Dear Mom and Dad, Please Stop  
Smoking!** Nov:28  
**Message from the Surgeon General, A,**  
Dec:17  
**Science Letters, Feb:18**  
**Why?** Mar:10  
*See also Bear Family, The  
Goofus and Gallant  
To the Editor*

**Hermit crabs**  
**The House-Hunting Hermit,**  
Jul-Aug:12

**He Thought He'd Failed Again**  
Article by Peter P. Jacobi, Oct:39

**Hibernation**  
Science Letters, Jun:16

**Hidden Pictures**  
**Animal Fun,** Dec:14  
**Deer at the Brook,** Jan:14  
**Frog Pond Trio,** Apr:14  
**Harvesttime at Plymouth Colony,** Nov:14  
**In the Garden,** Jun:14  
**Practice Makes Perfect,** Mar:14  
**Puss in Boots,** Feb:14  
**Raccoons,** Sep:14  
**Sailboats,** Jul-Aug:14  
**Scare-rabbit, The,** Oct:14  
**Snow White,** May:14

## History

**At the First Modern Olympics by**  
LaVada Weir, Jul-Aug:16. Events and  
description of the first modern  
Olympic games in Greece in 1896.  
**Come Play at My House: The Story of**  
**Jane Addams** by Phyllis S. Yingling,  
May:16. Jane Addams establishes  
Hull House to serve the poor.  
**Critter Himself, The,** by Harold Holzer,  
Feb:29. How Lincoln was presented to  
the public during his lifetime.  
**Escape from Vietnam** by Nga Vo,  
Oct:24. A true story by a young girl of  
her escape from Vietnam.



**"From Sea to Shining Sea": Katharine**  
**Lee Bates and the Story of "America**  
**the Beautiful"** by William Folprecht,  
Jul-Aug:36. From Pikes Peak  
Katharine Lee Bates was inspired to  
write this beautiful poem.

**How Chester Greenwood Invented**  
**Earmuffs** by Kathy Lynn Emerson,  
Jan:18. Chester loved ice-skating, but  
his wool hat wouldn't cover his ears,  
so he invented ear protectors.

**"I've Got an Old Mule"** by Dianne M.  
MacMillan, May:22. The functioning  
of the Erie Canal in the 1800s is  
described in the words of this well-  
known song.

**Marguerite de Angeli: Living a**  
**Storybook Life** by William T.  
Anderson, Nov:42. This author-  
illustrator used experiences from her  
life and travels to create memorable  
books for children.



**Paul Cuffe and the Dream That Came**  
**True** by Dorothea Kent, Feb:24. Paul  
loved the sea and became a great  
navigator and philanthropist who  
transported free blacks.  
**Song in Your Pocket, A,** by Ellen  
Javernick, Dec:19. The story of the  
harmonica.

## I

**I'd Love to Be a Fairy's Child**  
Poem by Robert Graves, Dec:6

**I'd Rather Be Flying**  
Story by Susan Archangeli, Sep:4

**I Like Winter Winds**  
Poem by Ivy O. Eastwick, Dec:50

**Interplanetary Limerick**  
Limerick by Al Graham, Oct:25

**Iron on Fire**  
Article by Jack Myers, Ph.D.,  
May:30

**"I've Got an Old Mule"**  
Article by Dianne M. MacMillan,  
May:22

## J

**Janitor Jenny**  
Story by Mary Ann Green, Oct:16

**"Jingle Bells"**  
Music arrangement by Dan Fox,  
Dec:18

**John Cage**  
Article by Peter P. Jacobi, Mar:26

**Join the Running Generation**  
Article by Thomas Horton, Nov:16

**Jokes**  
Jan:15, Feb:31, Mar:18, Apr:25,  
May:15, Jun:10, Jul-Aug:23, Sep:27,  
Oct:28, Nov:8, Dec:35

**Jousting**  
**"May Your Lance Be True!"** Jun:42

**Just a Little Kitten**  
Story by Gwyn McAllister, Jun:39

**Just Because I'm Left-Handed**  
Story by Linda McCollum Brown,  
Apr:22

## L

**Lampster, The**  
Story by Pamela Browning, Dec:4

**Larry Bird: Practice, Practice, Practice**  
Article by Mike Klodnicki, Dec:30

**Lincoln, Abraham**  
**The Critter Himself,** Feb:29



**Lions**  
**When African Lions Came Visiting,**  
Apr:16

**Little Shark That a Gull Helped Us**  
**Catch, The**  
Article by George W. Frame, Dec:24

**Little Sister**  
Story by Barbara Bartholomew,  
Mar:16

**Loons**  
**Our Neighbors, the Loons,** Sep:28

**Lost Broom, The**  
Story by Ann Devendorf, Oct:4

**Louise Nevelson**  
Article by Peter P. Jacobi, Jun:12

## M

**Magnetic Bacteria**  
Article by Jack Myers, Ph.D.,  
Nov:10

**Magnetic Sense, The—Who Has It?**  
Article by Jack Myers, Ph.D., Oct:34

**Magnificent Meat Loaf, The**  
Story by Veronica Parker, May:24

**Make Your Own "African" Instruments**  
Article by Barbara Bigham, Jan:35

**Making Friends**  
Story by Kathy Fladland, Jan:31

**Mama and Baby Brian**  
Story by Trish Collins, Jun:28

## Manners and Morals

**Aesop, the Teacher**, Jun:24  
**Best-Friends Smile, A**, Apr:30  
**Carl's Choice**, Jan:17, May:18  
**Checker Tournament, The**, Jun:34  
**Chipmunk Crossing**, Oct:41  
**Code Red**, Mar:24  
**Janitor Jenny**, Oct:16  
**Little Sister**, Mar:16  
**Pencil-and-Paper Caper**, Oct:26  
**Sleeping Out**, Jun:4  
**Stranger, The**, Sep:22  
**Two Plus Three Equals One**, Feb:34  
**Very Friendly Picnic, A**, Jul-Aug:22  
*See also* Bear Family, The  
 Character Builders  
 Goofus and Gallant  
 To the Editor  
 Wish, A

## Marching to Dundee

Action rhyme by Marion Walker,  
 Sep:25



## Marguerite de Angeli: Living a Storybook Life

Article by William T. Anderson,  
 Nov:42

## Mars: The Red Planet

Article by John Mood, Ph.D.,  
 May:12

## Masters of Concealment

Article by George W. Frame, Nov:20

## Matching

Jan:38, Feb:31, Mar:34, Apr:42,  
 May:25, Jun:31, Jul-Aug:13, Sep:38,  
 Oct:9, Nov:33, Dec:13

## Mathematics

**Big Square**, Oct:15  
**Bike-Riding Puzzle**, Sep:25  
**How Many Whats?** Jul-Aug:10  
**In a Century?** Oct:28  
**Mental Arithmetic**, Sep:9  
**Mind Game**, Jul-Aug:50  
**Missing Words**, Mar:28  
**Stringing You On**, Dec:15

## "May Your Lance Be True!"

Article by Carl and Nell Kraft,  
 Jun:42



## Meet Tarik

Article by Joyce Niles, Jul-Aug:20

## Message from the Surgeon General, A

Article by C. Everett Koop, M.D.,  
 Dec:17

## Microwaves

Science Letters, Feb:18

## Middle of the Night, The

Poem by Karla Kuskin, Oct:6



## Molly Bear Looks for Pirates

Story by Penny Volin, May:20

## Moon's the North Wind's Cooky, The

Poem by Vachei Lindsay, Mar:6

## Mother Goose Cookbook, The

Feature originated by Patricia  
 Hunt, Jul-Aug:27

## Moths Have Ears, Too

Article by Arthur G. Sharp, Oct:8

## Music

"From Sea to Shining Sea": Katharine Lee Bates and the Story of "America the Beautiful" by William Folprecht, Jul-Aug:36. From Pikes Peak Katharine Lee Bates was inspired to write this beautiful poem.  
**He Thought He'd Failed Again** by Peter P. Jacobi, Oct:39. The gifted composer, Georges Bizet, never saw the success of his famous opera, *Carmen*.



"I've Got an Old Mule" by Dianne M. MacMillan, May:22. The functioning of the Erie Canal in the 1800s is described in the words of this well-known song.

## John Cage by Peter P. Jacobi, Mar:26.

The background and description of John Cage's unusual music is given. **Make Your Own "African" Instruments** by Barbara Bigham, Jan:35. How to make a tambourine rattle, a rattle, and a drum.

**Music of Africa, The**, by Barbara Bigham, Jan:33. The music of Africa is played on several interesting instruments.

## Our Readers Write

One of the best things about HIGHLIGHTS is that part of every issue is created by our readers themselves. Here are some features created by our readers: **Creatures Nobody Has Ever Seen**, **Jokes**, **Riddles**, **Scissorettes**, and **Tongue Twisters**.

To find these in your back issues, look in the Index.

## Music (continued)

**Song in Your Pocket, A**, by Ellen Javernick, Dec:19. The story of the harmonica is told.

## Music arrangements

"America the Beautiful," Jul-Aug:37  
 "Jingle Bells," Dec:18  
 "Low Bridge!—Everybody Down," May:22  
 "Toreador Song" from *Carmen*, Oct:38

## Music of Africa, The

Article by Barbara Bigham, Jan:33

## My Bear

Poem by Maxine Payne, Dec:50

## My Friend Callahan and Other Pet Cats

Article by George W. Frame, Oct:20

## My Friend Shiloh

Article by Don C. Reed, May:41



## Mystery in Elephant's Garden, The

Story by Marileta Robinson,  
 Jul-Aug:32

## Mystery of the Flashing Light, The

Story by Rita Marie Herther, Sep:10

## Mystery of the Lost Voice, The

Story by Pauline Watson, Feb:4

## Mystery Photos

Feature by Kimberly Butler, Dec:51

## My Uncle Paul of Pimlico

Poem by Mervyn Peake, Jul-Aug:6

## N

## Native Americans

**Pictures from Sand: The Art of David Villaseñor**, Sep:12



## Stranger, The, Sep:22

Nevelson, Louise

Louise Nevelson, Jun:12

## Nursery School

Rebus by Sally Lucas, Sep:34

## O

## Old Christmas Greeting, An

Poem, Dec:50

## Olympics

**At the First Modern Olympics**,  
 Jul-Aug:16

## Once on Horseback

Story by Marcella Fisher Anderson,  
 Apr:4

## Once Upon a Riddle

Story by Harriett Richie, Jan:36

## Mystery Mix-up

Lots of our readers like mysteries. Here's one for you to solve. We mixed up the descriptions of some mystery stories from HIGHLIGHTS with titles from different ones. Can you deduce which description belongs to each title? You can check by looking them up under Stories (fiction)—More advanced reading. Or you could go back and read them again for fun.

**Mystery in Elephant's Garden** (Jul-Aug:32) Susan and Larry hear the voice of what sounds like a lost child.

**Clue in the Zoo** (May:4) Richard's magic rock apparently makes Angelo lose his voice.

**Detective Dick and the Mystery Prize** (Oct:22) Monkey steals from Elephant's glorious garden.

**Mystery of the Lost Voice** (Feb:4) Clues to a mystery for Dick to solve: one pair of red sandals, a pitcher, and a bike with "M.B." on it.

### Opera

**He Thought He'd Failed Again**, Oct:39  
**"Toreador Song" from Carmen**, Oct:38

### Our Neighbors, the Loons

Article by Joan Y. Goddard, Sep:28

### Our Own Pages

See Readers' contributions

## P

### Parade Day

Rebus by Shirley Markham  
 Jorjorian, Jul-Aug:19

### Party Plans

Bag Drama, Jul-Aug:51



**Party with a B**, Mar:17

### Party with a B

Article by Jan Burland, Mar:17

### Patch

Unfinished story by Charles Beamer, Oct:13

### Paul Cuffe and the Dream That Came True

Article by Dorothea Kent, Feb:24

### Pearl Buck: Growing Up in China, Writing for the World

Article by Mary McGahan, Mar:8

### Peek-a-Boo Clown, The

Story by Hal Pratt, Jan:22



### Pencil-and-Paper Caper

Story by Carolyn Crocker, Oct:26

### Pictures from Sand: The Art of David Villaseñor

Article by Wendy Heller, Sep:12

### Plants, articles about

**Getting Hot** by Keith E. Idso, Mar:22.

The author's dad takes plant temperatures with an infrared thermometer to see if they have sufficient moisture.

**Science Letters**, Apr:35

**Seeds from Long Ago That Still Can Grow** by Jack Myers, Ph.D., Jan:10.

Indian lotus seeds radiocarbon dated at 466 years old were able to grow.

**Stubbhorn Plants** by Diane Burns, Jun:20. How plants grow in rocks or on mountaintops.

See also Science Corner

### Poems

**Bead Game, The**, by B. Renner, Dec:50

**Curly-Locks**, Jul-Aug:28

**Fabulous Wizard of Oz, The**, Oct:25

**Faster Than Light** by A. H. Reginald Buller, Oct:25

**Fossils** by Lilian Moore, Nov:6

**How Awful** by Regina Sauro, Dec:50

**How Many** by Christina Rossetti, Jun:6



**I'd Love to Be a Fairy's Child** by Robert Graves, Dec:6

**I Like Winter Winds** by Ivy O. Eastwick, Dec:50

**Interplanetary Limerick** by Al Graham, Oct:25

**Middle of the Night, The**, by Karla Kuskin, Oct:6

**Moon's the North Wind's Cooky, The**, by Vachel Lindsay, Mar:6

**My Bear** by Maxine Payne, Dec:50

**My Uncle Paul of Pimlico** by Mervyn Peake, Jul-Aug:6

**Old Christmas Greeting, An**, Dec:50

**Pat-a-Cake, Pat-a-Cake**, Jul-Aug:27

**Puppy and I** by A. A. Milne, Feb:6

**Seed, The**, by Aileen Fisher, Apr:6

**There Was an Old Woman**, Jul-Aug:29

**There Was a Young Lady of Crete**, Oct:25.

### Poems (continued)

**When It Comes to Bugs** by Aileen Fisher, Sep:6

**White Fields** by James Stephens, Jan:6  
 "wild geese returning, The," by Teumori Kunimoto, May:6

**Wish, A**, by Garry Cleveland Myers, Ph.D., Mar:15, Sep:17

**Young Lady of Lynn, A**, Oct:25

For poems written by children, see Readers' contributions

### Puppy and I

Poem by A. A. Milne, Feb:6

## Q

### Quizzes

**Are You a Flag-Code Expert? A Quiz about Old Glory** Jun:18

**Mystery Photos**, Dec:51

**Real George**, Feb:21

**Who Lives Here?** Apr:11

## R

### Rabbit's New Neighbor

Story by Margaret Meacham, Dec:32

### Radiation

**Science Letters**, Feb:18

### Rainbows

**Science Letters**, Sep:16

### Rattlesnakes

**Watching a Sidewinder**, Jan:20

### Readers' contributions

**Creatures Nobody Has Ever Seen**, Apr:21, Sep:43

**Dear Mom and Dad, Please Stop Smoking!** Nov:28

**Escape from Vietnam**, Oct:24



**Our Own Pages**, Jan:28, Feb:36, Mar:36, Apr:36, May:36, Jun:36, Jul-Aug:44, Sep:36, Oct:36, Nov:36, Dec:36

**Responses to "Tell the Story,"** Jan:16, Oct:12

**Scissorsettes**, Dec:9

**Story Endings for Carl's Choice**, May:18

See also Jokes

Riddles

Tongue Twisters

To the Editor

### Real George

Quiz, Feb:21

### Rebuses

**Beautiful Tree, The**, Dec:11

**Better Than a Robot**, May:11

**Breakfast Surprise**, Feb:11

**Buddy's Letter**, Mar:39

**Fire Fighters' Helper**, Nov:26

**Garden Surprise**, Oct:19

**Nursery School**, Sep:34

**Parade Day**, Jul-Aug:19

**Sara's Ribbons**, Jan:39

**Something Exciting**, Jun:19

**Why It Rains**, Apr:34

### Recipes

**Baked Creamy Rice Pudding**, Mar:15

**Curly-Locks's Strawberries**, Jul-Aug:28

**Pat-a-Cake Shortbread**, Jul-Aug:27

**Old Woman's Chicken Broth**, Jul-Aug:29

**Reindeer Workout**  
Action rhyme by Jane Rice, Dec:20

Revere, Paul  
**Once on Horseback**, Apr:4

Riddles  
Jan:30, Feb:27, Mar:10, Apr:10,  
May:27, Jun:17, Jul-Aug:15,  
Sep:17, Oct:18, Nov:27, Dec:38

**Right in the Middle of the King's Highway**  
Story by Margaret Walden  
Froehlich, Mar:19

**Roberto Gets through August**  
Story by Katherine Nye Rolfes,  
Jul-Aug:30



**Rock Hound, The**  
Article by James Collett, Dec:39

Running  
**First Four-Minute Mile, The**, May:28  
**Join the Running Generation**, Nov:16

## S

**Sara's Ribbons**  
Rebus by Sally Lucas, Jan:39

**Say It With an Egg**  
Article by Frances M. Clapper,  
Apr:12

Science,  
See Animals, articles about  
Astronomy, articles about  
Birds, articles about  
Chemistry  
Plants, articles about

**Science Corner**  
Ant trails, Sep:15  
Daffodils, Feb:31  
Dandelions, Oct:15  
Electricity, May:8  
Icicles, Dec:15  
Mirrors, Mar:10  
Mushrooms, Apr:25  
Poison ivy, Jul-Aug:50  
Redwood trees, Jan:9  
Tree rings, Jun:27

**Science Letters**  
Feb:18, Apr:35, Jun:16, Sep:16,

**Science Reporting**  
**Bald Eagles Are Coming Back**,  
Mar:38  
**Clockwork Star**, Jul-Aug:46  
**Iron on Fire**, May:30  
**Magnetic Bacteria**, Nov:10  
**Magnetic Sense, The—Who Has It?**  
Oct:34



**Seeds from Long Ago That Still Can Grow**, Jan:10



**Scissorettes**  
Dec:9

Sculpture  
Louise Nevelson, Jun:12

**Secret Hiding Place, The**  
Story by June Swanson, Mar:4

**Seed, The**  
Poem by Aileen Fisher, Apr:6

**Seeds from Long Ago That Still Can Grow**  
Article by Jack Myers, Ph.D.,  
Jan:10

Sharks  
**The Little Shark That a Gull Helped Us Catch**, Dec:24

**Sleeping Out**  
Story by June M. Boone, Jun:4



**Sleepy Morning**  
Story by Joe B. Sharpe, Apr:18

**Smallest Snowman, The**  
Story by Linda Gillen, Dec:26

Smoking  
**Dear Mom and Dad, Please Stop Smoking!** Nov:28  
**Message from the Surgeon General, A**,  
Dec:17  
**To the Editor**, Jan:7

Social Studies  
See Articles—general topics  
Biographical articles  
Foreign countries  
History

## Do You Remember?

Can you match the fact below to the person it tells about? They are all people you have read about in HIGHLIGHTS. Use the Index to find the issue in which the biography appeared.

Ran the first four-minute mile  
Was inspired by the view from Pikes Peak  
Writes very unusual music  
Took free blacks to Africa  
Founded Hull House to serve the poor

Katharine Lee Bates  
Paul Cuffe  
Jane Addams  
John Cage  
Roger Bannister

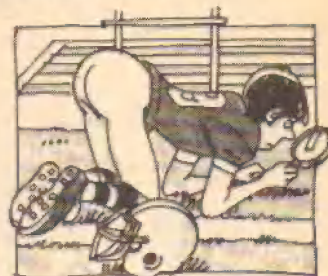
**Something Exciting**  
Rebus by Caroline Arnold, Jun:19

**Song in Your Pocket, A**  
Article by Ellen Javernick, Dec:19

Spiders  
**Flying Spiders**, Feb:20

**Spin, Dreidel, Spin**  
Article by Mary Dodson Wade,  
Dec:12

Sports, articles about  
**At the First Modern Olympics**, by LaVada Weir, Jul-Aug:16. Events and description of the first modern Olympic games in Greece in 1896.  
**First Four-Minute Mile, The**, by Margot Moran, May:28. Roger Bannister follows his own methods to run what many thought was impossible—a four-minute mile.



**How to Beat the Butterflies** by Thomas Horton, Apr:28. Tips on how to control the jitters.

**How to Jump Higher** by Thomas Horton, Feb:8. Pointers on jumping higher.

**Join the Running Generation** by Thomas Horton, Nov:16. How to get started running and the right way to run.

**Larry Bird: Practice, Practice, Practice** by Mike Klodnicki, Dec:30. The team captain of the Boston Celtics believes in practicing and tells why.

**"May Your Lance Be True!"** by Carl and Nell Kraft, Jun:42. Medieval knights would be surprised at modern jousting tournaments.

**Warm-up Exercises** by Thomas Horton, Nov:17. Simple stretching exercises for before and after running or other activities.

Sports, stories (fiction) about



**Beverley's Tall Story** (basketball),  
Jan:12

**I'd Rather Be Flying**, (horseback riding),  
Sep:4

**Just Because I'm Left-Handed**  
(baseball), Apr:22

**Sweet September** (fishing), Sep:18

Stories (fiction)—Easy to read  
**Amy's Box** by Linda Daldry, Nov:12. Amy has fun with the visitors to her playhouse.

**Chipmunk Crossing** by Rita Marie Herther, Oct:41. Adam Chipmunk thinks his friendship with David is over.

### Stories (fiction)—Easy to read

**Everywhere That Mary Went** by Sanae K. Moorehead, Mar:32. Mary was making too much noise with her toys but, when the family stopped her playing, they missed her laughter.

**How to Grow a Bicycle** by John and Linda Grimes, May:34. Rachel gets a new bicycle by planting and selling "bicycle plants"—watermelons.

**Janitor Jenny** by Mary Ann Green, Oct:16. Jenny has a great friend in Mr. Post, the school janitor.

**Just a Little Kitten** by Gwyn McAllister, Jun:39. Snoopy is a kitten wanting to be a cat and finally has some success.

**Making Friends** by Kathy Fladland, Jan:31. Andy makes two new friends.

**Mama and Baby Brian** by Trish Collins, Jun:28. Lisa wanders the neighborhood looking for a surprise for her mom and the new baby and winds up with a parade.

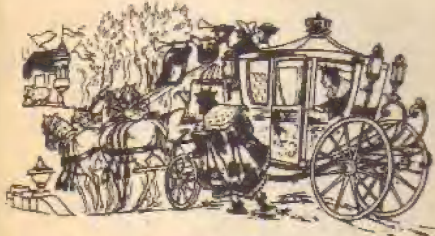
**Molly Bear Looks for Pirates** by Penny Volin, May:20. Molly Bear looks for a job as a pirate.

**Mystery in Elephant's Garden, The**, by Marileta Robinson, Jul-Aug:32. Monkey steals from Elephant's glorious garden.

**Mystery of the Flashing Light, The**, by Rita Marie Herther, Sep:10. Mike observes and finds out the secret of the light flashing in the house across the street.

**Peek-a-Boo Clown, The**, by Hal Pratt, Jan:22. Peeper didn't feel like a real clown until he found a special trick.

**Rabbit's New Neighbor** by Margaret Meacham, Dec:32. How could anyone be so silly as to think a family of elephants has moved in next to Rabbit?



**Right in the Middle of the King's Highway** by Margaret Walden Froehlich, Mar:19. The animals protect the king's watch, thinking that it's an animal, and win the king's favor.

**Sleepy Morning** by Joe B. Sharpe, Apr:18. Debbie gets herself all ready for school—on a Saturday!

**Smallest Snowman, The**, by Linda Gillen, Dec:26. Chad and J.D. solve the problem of where to build a snowman on their crowded city block.



**Teddy Bear for Teddy Bear, A**, by Bonnie Highsmith Taylor, Sep:41. Teddy Bear visits some campers and receives a special gift.

## Looking at Holidays in a Craft-y Way

Every season of the year has its special holiday. Maybe you are looking for ideas to make decorations or gifts for these special occasions. For help in deciding what to make, look in the Index at the list of crafts for the month during which the holiday occurs.

Here are just a few of the craft ideas brought to you in HIGHLIGHTS in 1984:

Valentine Bookmark  
Purim Rattle  
Easter Baskets  
Father's Day Card

Halloween Cat  
Thanksgiving Centerpiece  
Hanukkah Card  
Santa's House

### Stories (fiction)—

Easy to read (continued)

**Thinking Caps for Valentine's Day** by Doris D. Breiholz, Feb:22. Ann and Sandy make lovely valentines with the names in a clever code.

**Toby, the Filppity-Flop Boy** by Marie Shephard, Nov:38. Toby's shoes always come untied until he learns a secret.



**Trouble with Dragons, The**, by Margaret Springer, Jul-Aug:42. Fred, the dragon who loves cookies, goes to camp with David.

**Two and a Half Wishes** by Kathy Knepp, Apr:40. After making two foolish wishes, Theodore, the turtle, needs to pick his remaining half of a wish carefully.

**Very Friendly Picnic, A**, by Katherine Jordan, Jul-Aug:22. Arnie and Julia have a picnic.



**Where Can We Find a Button?** by Susan L. Krueger, Feb:40. Kangaroo sews on buttons for Koala.

See also Rebusess

For stories written by children, see Readers' contributions

### Stories (fiction)—

More advanced reading

**Aesop, the Teacher** by June Swanson, Jun:24. Four of Aesop's fables.

**Aloysius and the Screech Owl** by Sydney K. Davis, Jul-Aug:38. Wanda is bothered by a screech owl, but Aloysius and Samuel claim there is no such thing as bad luck from its call.

**Best-Friends Smile, A**, by Alesa M. Penso, Apr:30. Can Margaret and Susan include Jenny as a best friend?

### Stories (fiction)—

More advanced reading (continued)

**Beverley's Tall Story** by Ann Bixby Herold, Jan:12. Beverley grows too tall to follow her ambition of being a famous ballet dancer.

**Blackout Banquet** by Beth Thompson, Nov:22. Despite the storm, it was the best Thanksgiving ever.

**Call from the Night, A**, by Karla Anderson, Jan:4. Bobby uses the boat radio to get help.

**Captive, The**, by Lois Breitmeyer and Gladys Leithauser, Jul-Aug:4. In his new job Will faces two problems.

**Checker Tournament, The**, by Barry Mandell, Jun:34. Even though John lost the checker tournament, he found a lot to feel good about.



**Clue in the Zoo, The**, by Herma Silverstein, May:4. Susan and Larry hear the voice of what sounds like a lost child.

**Code Red** by Paul E. Stawski, Mar:24. Becky answers the Code Red condition on the spacecraft.

**Crow Know-How** by Eva Brown, Nov:31. Debbie helps her brother David out of a tough situation.

**Cyril to the Rescue** by Margaret Springer, Nov:4. Cyril, the mouse, saves the goldfish by his quick thinking.



**Detective Dick and the Mystery Prize** by Edith Gilmore, Oct:22. Clues to a mystery for Dick to solve: one pair of red sandals, a glass pitcher, and a bike with the initials "M.B."

## Stories (fiction)—

More advanced reading (continued)

### Exclusive Interview with Astronaut

**Annie, An**, by Judy Enderle, Jul-Aug:11. Astronaut Annie demonstrates moon talk in answering questions on life on the moon.

**Fixit Team to the Rescue** by Linda Connor, Jun:22. Andrea and Cabot, her elephant, clean up after the flood.



**I'd Rather Be Flying** by Susan Archangeli, Sep:4. Scared by a fall from a horse, Gail must face riding and jumping a three-foot fence to help her uncle's horse.

**Just Because I'm Left-Handed** by Linda McCollum Brown, Apr:22. Some of the best ballplayers take ballet lessons, Mike learns.

**Lampster, The**, by Pamela Browning, Dec:4. Orville and his hamster change America's way of life.

**Little Sister** by Barbara Bartholomew, Mar:16. Dawn learns to appreciate her little sister Kitty.

**Lost Broom, The**, by Ann Devendorf, Oct:4. Sandy Witch has to look everywhere to find the broom.



**Magnificent Meat Loaf, The**, by Veronica Parker, May:24. Scott makes meat loaf for Mother's Day dinner.

**Mystery of the Lost Voice, The**, by Pauline Watson, Feb:4. Richard's magic rock apparently makes Angelo lose his voice.

**Once Upon a Riddle** by Harriett Richie, Jan:36. Silver Fox shows that he is still the wisest fox in the pack.

**Pencil-and-Paper Caper** by Carolyn Crocker, Oct:26. Josh's mom helps him fix his new walkie-talkie with a pencil and paper.

**Roberto Gets through August** by Katherine Nye Rolfes, Jul-Aug:30. In the midst of a hot August, Roberto finds something useful to do.

**Secret Hiding Place, The**, by June Swanson, Mar:4. Jeff finds a secret hiding place in his grandparents' house.

**Sleeping Out** by June M. Boone, Jun:4. Tom and Charles, sleeping in the yard in their tent, witness some vandalism by other boys and decide that they have to tell.

**Storyteller, The**, by Lissa Reidel, Feb:12. Hamid has dreams of being more than a soup server.

**Stranger, The**, by Arnold A. Griesse, Sep:22. Little One and Girl encounter their first white-skinned person and save him from harm.

## Stories (fiction)—

More advanced reading (continued)

**Sweet September** by Robert Anderson, Sep:18. If only Joel could catch Big Boy—what a way to end summer vacation!

**Three Skaters, The**, retold by Sylvia Falconer Munsey, Dec:22. A miracle comes to pass when Hans, Karel, and Frans befriend a couple and their newborn baby one Christmas.

**Two Plus Three Equals One** by Beth Thompson, Feb:34. Vicki's mom marries Julietta's dad. That makes the girls sisters—or does it?

**Who's a Jinx?** by David Gifaldi, May:39. Emily thinks she's a jinx.

**Wonderful Lisa** by Connie Elliott, Jul-Aug:48. Cindy meets the cousin Grandma always raves about.

## Storyteller, The

Story by Lissa Reidel, Feb:12

## Stranger, The

Story by Arnold A. Griesse, Sep:22

## Stubborn Plants

Article by Diane Burns, Jun:20



## Sweet September

Story by Robert Anderson, Sep:18

## T

### Teddy Bear for Teddy Bear, A

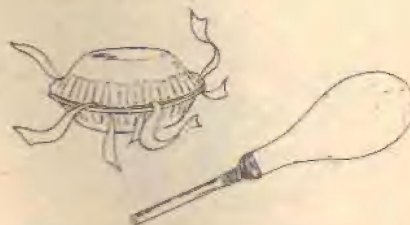
Story by Bonnie Highsmith Taylor, Sep:41

### Tell the Story

May:19; Responses, Oct:12  
Responses (from Aug-Sep 1983), Jan:16

### There Was a Young Lady of Crele

Limerick, Oct:25



## Things to Make

Jan:35, 40-41

**"African" Instruments** by Barbara Bigham.

**Ballet Crown** by Betty Merritt.

**Box-Top Clickers** by Kathy Ross.

**Cottage Sewing Box** by Matthew Stockton.

**Marble Game** by Matthew Stockton.

**Snowman Pin** by Kathy Ross.

**Triangle Tooth Fairy** by Kathy Ross.

Feb:32-33

**Cartoon Valentine** by Patricia Ann Snodgrass.

**Heart Mailbag** by Kathy Ross.

**Mask Valentine** by Kathy Ross.

**Spice Valentines** by Francis Wales.

## Things to make (continued)

**Swinging Into Your Heart Valentine** by Murley Kay Kight.

**Valentine Bookmark** by Francis Wales.

**Valentine Mobile** by Matthew Stockton.

**Valentine Wand** by Matthew Stockton.

Mar:40-41

**Homemade Kite** by Kathleen Nygren.

**Irish Potato Puppet** by Kathy Ross.

**Make-It-Yourself Puzzle** by Kathy Ross.

**Marionette** by Matthew Stockton.

**Purim Rattle** by Matthew Stockton.

**Stamp Plaque** by Francis Wales.



Apr:32-33

**Bulldozer** by Matthew Stockton.

**Easter Baskets** by Matthew Stockton.

**Hyacinth Decorations** by Sister Mary Sylvia, V.S.C.

**Kitten Bank** by Barbara Bell.

**Lamb Easter Card** by Kathy Ross.

**Winking Winnie** by Violet M. Roberts.

May:32-33

**Book** by Paige Eckard.

**Circle Person** by Kathy Ross.

**Corkers** by Matthew Stockton.

**Egg-Carton Bulletin Board** by Garnett C. Kooker.

**Memo Holder** by Kaye Hagler.

**Tissue-Paper Mobile** by Opal L. Varner.

Jun:40-41

**Balloon Art** by Carolyn M. Wilhelm.

**Bookmark** by Kathy Ross.

**Bug Collection** by Allison Ross.

**Cotton-Candy Stand** by Andrew Smith.

**Father's Day Card** by Shirley Kallus.

**Windmill** by Matthew Stockton.

Jul-Aug:40-41

**Award Plaque** by Karen Kremsreiter.

**Comet Toy** by Francis Wales.

**Litter Container** by Ginger Morris Caughman.

**Miniature Gardens** by Helen L. Renshaw.

**Patriotic Box Design** by Matthew Stockton.

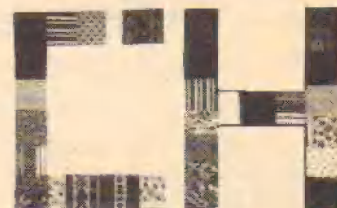
**Sun Catchers** by Matthew Stockton.

**Wooden Raft** by Andrew Smith.

Sep:32-33

**Bean Game, The**, by Kathy Ross.

**Bottle House** by Matthew Stockton.



**Patchwork Initials** by Garnett C. Kooker.

**Person Bulletin Board** by Kathy Ross.

**Rocket Ship** by Matthew Stockton.

**Sabbath Candlesticks** by Francis Wales.

**Vase and Flowers** by Garnett C. Kooker.

## Things to make (continued)

Oct:32-33

**Ghost Goggles** by June Rose Mobly.  
**Halloween Cat** by Shirley Kallus.



**Paper-Plate Spider** by Kathy Ross.  
**Pumpkin Card** by Ruth Dougherty.  
**Toy Container** by Judy Manchanda.  
**Witch Hat** by Kathy Ross.

Nov:40-41

**Bookworm** by Kathy Ross.  
**Cornucopia with Fruits and Vegetables** by Garnett Kooker.  
**Covered Wagon** by G. L. Carty.  
**Leaf Dish** by Garnett Kooker.  
**Paper Wreath** by G. L. Carty.  
**Thanksgiving Centerpiece** by Patricia Barley.

Dec:13, 28-29

**Candy Cane Reindeer** by Jane K. Priewe.  
**Gingerbread-Boy Ornament** by Kathy Ross.  
**Hanukkah Card** by Jean F. Roath.  
**How to Make a Dreidel** by Mary Dodson Wade.  
**Note Holder** by Carmen Horn.  
**Pinecone Christmas Tree** by Denise Larson.  
**Santa's House** by Matthew Stockton.

## Thinking

Jan:43, Feb:19, Mar:31, Apr:26,  
May:10, Jun:26, Jul-Aug:35, Sep:31,  
Oct:43, Nov:19, Dec:10

## Thinking Caps for Valentine's Day

Story by Doris D. Breiholz, Feb:22

## Three Skaters, The

Folktale retold by Sylvia Falconer  
Munsey, Dec:22



## Timbertoes, The

Picture stories by Sidney Quinn,  
Jan:8, Feb:17, Mar:30, Apr:8, May:9,  
Jun:8, Jul-Aug:9, Sep:8, Oct:29, Nov:9,  
Dec:16

## Toby, the Flippity-Flop Boy

Story by Marie Shephard, Nov:38

## Tongue Twisters

Feb:30; Jul-Aug:38



**"Toreador Song" from Carmen**  
Music arrangement by Dan Fox,  
Oct:38

## To the Editor

Jan-Dec:7

## Tricks and Teasers

Feb:26

**Trouble with Dragons, The**  
Story by Margaret Springer,  
Jul-Aug:42

## Try This!

Feature by Jack Myers, Ph.D.,  
May:30

## Two and a Half Wishes

Story by Kathy Knepp, Apr:40

## Two Plus Three Equals One

Story by Beth Thompson, Feb:34

## U

### Unfinished Story

**Carl's Choice**

Jan:17; Responses, May:18  
Patch, Oct:13



## V

### Very Friendly Picnic, A

Story by Katherine Jordan,  
Jul-Aug:22

### Villaseñor, David

**Pictures from Sand: The Art of David Villaseñor**, Sep:12.

## W

### Warm-up Exercises

Article by Thomas Horton, Nov:17

### Washington, George

**Real George** (quiz), Feb:21

### Watching a Sidewinder

Article by George W. Frame, Jan:20

### Waves

**Science Letters**, Sep:16

### What's a Napron?

Article by Margaret Maddox  
Wallworth, Jun:9

### What's Wrong?

Jan-Dec: back cover

### When African Lions Came Visiting

Article by George and Lory Frame,  
Apr:16

### When It Comes to Bugs

Poem by Aileen Fisher, Sep:6

### Where Can We Find a Button?

Story by Susan L. Krueger, Feb:40

### White Fields

Poem by James Stephens, Jan:6



### Who Lives Here?

Quiz by Jean Stangl, Apr:11

### Who's a Jinx?

Story by David Gifaldi, May:39

### Why It Rains

Rebus by Judith Enderle, Apr:34

### "wild geese returning, The"

Poem by Tsumori Kunimoto, May:6

### Wish, A

Poems by Garry C. Myers, Ph.D.,  
Mar:15, Sep:17

### Wolf Search in the Rockies

Article by Ursula Mattson, Feb:42



### Wonderful Lisa

Story by Connie Elliott, Jul-Aug:48

## Y

### Young Lady of Lynn, A

Limerick, Oct:25

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I certify that the statements made by me above are correct and complete.  
GARRY C. MYERS, III, President

# Verse

## An Old Christmas Greeting

Anonymous

Sing hey! Sing hey!  
For Christmas Day.  
Twine mistletoe and holly,  
For friendship glows  
In winter snows,  
And so let's all be jolly.



## I Like Winter Winds

By Ivy O. Eastwick

Winter winds  
are wild winds,  
very-far-from-mild winds,  
snowy winds,  
blowy winds,  
fresh and free and glowy winds.

Winter winds  
are rough winds,  
huff and puff and gruff winds,  
stray winds,  
gay winds,  
come-on-out-to-play winds.

## My Bear

By Maxine Payne

He doesn't speak to me, my bear.  
You wouldn't even know he's there.  
His button eyes don't really see.  
His nose can't smell—he's not like me.  
His arms don't play, his legs don't walk.  
He can't read books or hear me talk.  
But still, I know he really cares . . .  
He sleeps with me, and he's my bear.



## How Awful

By Regina Sauro

When I write on a blackboard,  
It makes my teeth itch.  
Whenever the chalk scrapes—  
Screeeeckity scritch!



## The Bead Game

By B. Renner

Tiny Hawaii,  
last of all the states.  
Islands in the vast ocean  
like drops of batter  
on a griddle.  
Rough-edged islands like the shells  
you pick up on the shore,  
strung together  
by the boats that glide  
from Maui . . .  
to Molokai . . .  
to Oahu . . .



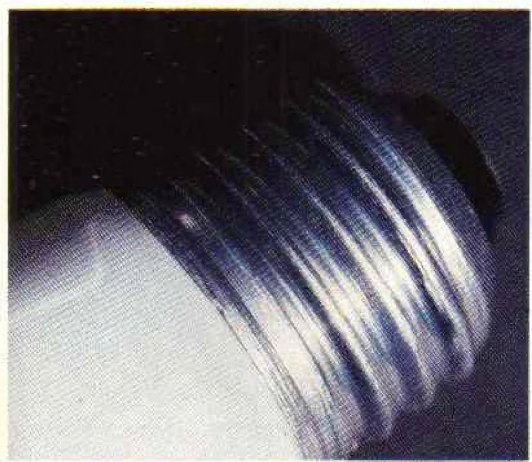
# Mystery Photos

By Kimberly Butler

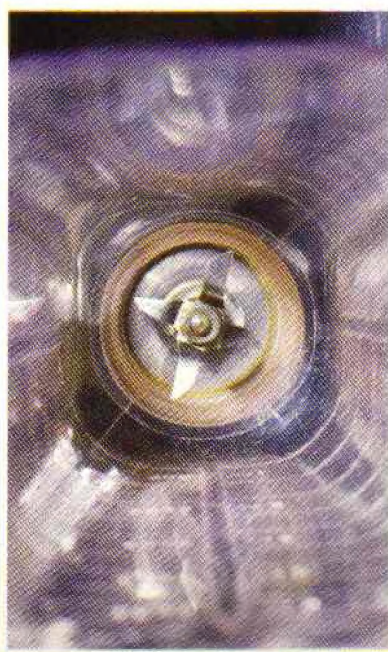
Can you identify these six everyday objects?  
Check your answers on page 38.



1.



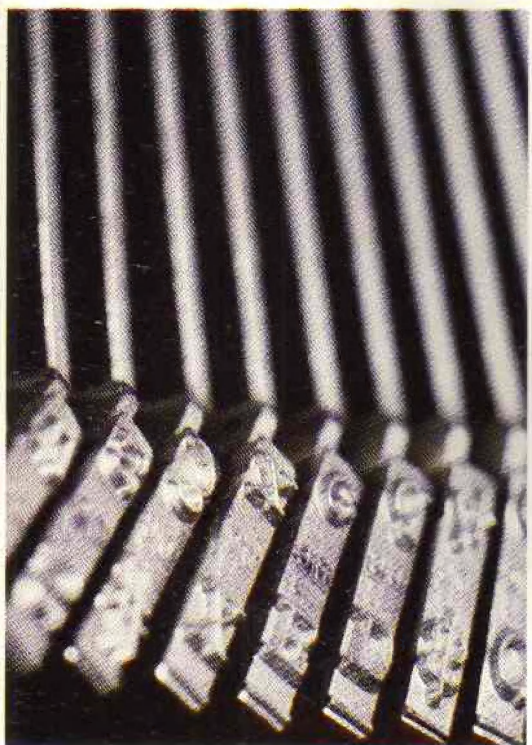
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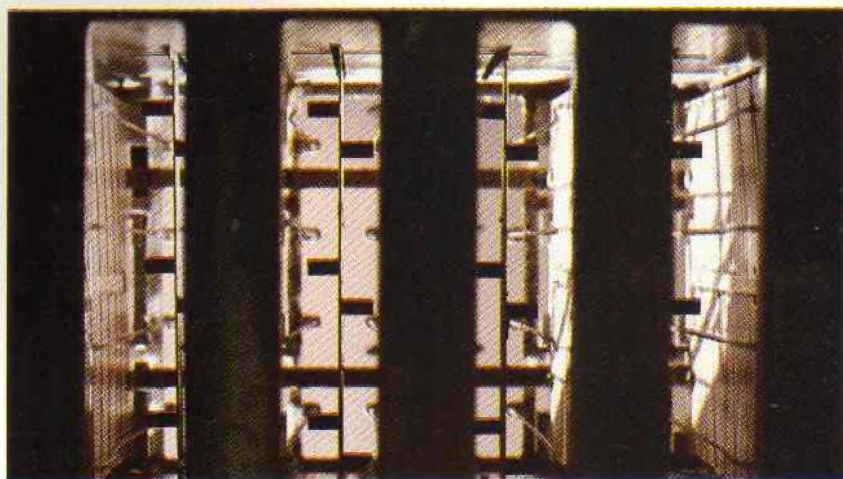
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4.



5.



6.

# What's Wrong?

How many things can you find wrong in this picture?

